JVC

SERVICE MANUAL

PDP COLOUR TELEVISION

PD-Z42DX4,
PD-Z42DX4/S

BASIC CHASSIS
FP2

D.I.S.T.
Digital Image Scaling Technology

CINEMA SURROUND

BBE

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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No.YA228
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SPECIFICATION

Items		Contents
Dimensions (W × H × D)		104.5cm × 72.9 cm × 11.5 cm
Mass		39.0kg
TV RF System		B, G, I, D, K, K1, M
Colour System		PAL / SECAM / NTSC 3.58 / NTSC 4.43
Stereo System		A2 (B/G, D/K), NICAM (B/G, I, D/K)
Teletext System		FLOF (Fastext), TOP, WST (World Standard System)
Receiving Frequency	VHF Low	46.25MHz - 168.25MHz
	VHF High	175.25MHz - 463.25MHz
	UHF	471.25MHz - 863.25MHz
	CATV	Mid (X - Z+2, S1 - S10) / Super (S11 - S20) / Hyper (S21 - S41) bands
Intermediate Frequency	VIF	38.0MHz (B, G, I, D, K, L)
	SIF	32.26MHz (5.74MHz: B), 32.15MHz (5.85MHz: G), 31.45MHz (6.55MHz: I) 31.75MHz (6.25MHz: D), 32.15MHz (5.85MHz: K)
Colour Sub Carrier	PAL	4.43MHz
	SECAM	4.40625MHz / 4.25MHz
	NTSC	3.58MHz / 4.43MHz
Power Input		AC110V - AC240 V, 50 Hz / 60 Hz
Power Consumption		287W (Standby: 3.0W)
Plasma Display Panel (PDP)		42V-inch wide aspect (16:9)
Screen Size		Diagonal : 105cm (H: 91.8cm × V: 51.8cm)
Display Pixels		Horizontal : 1024 dots × Vertical : 768 dots (XGA)
Audio Power Output		10W + 10W
Speaker		6.6cm, round type × 4 (Oblique corn)
Aerial Terminal (VHF/UHF)		75Ω unbalanced, coaxial
Video / Audio [Input-1/2/3/4]	Component Video [Input-1/3]	RCA pin jack × 6
	1125i	Y : 1V (p-p) (Sync signal: ±0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω
	625p / 525p 625i / 525i	Y : 1V (p-p), Positive (Negative sync provided), 75 Ω Pb/Pr : 0.7V(p-p), 75 Ω
	S-Video [Input-1/2/4]	Mini-DIN 4 pin connector × 3 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω
	Video	1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 3
	Audio	500mV (rms), High impedance, RCA pin jack × 6
Digital Input	Video	HDMI connector × 1 (Digital-input terminal is not compatible with picture signals of computer signal)
	Audio	Digital: HDMI connector × 1 Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2
Video / Audio Output	S-Video	Mini-DIN 4 pin connector × 1 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω
	Video	1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1
	Audio	500mV (rms), Low impedance, RCA pin jack × 2
PC (RGB) Input		D-sub 15pin × 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 42.0kHz / Vertical : 60Hz)
Subwoofer Output		More than 0 to 1000mV (rms) (+2.2dBs), low impedance (80Hz when modulated 100%), RCA pin jack × 1
Centre Channel Input		500mV(rms) (-4dBs), high impedance,RCA pin jack × 1
Audio Output		500mV (rms), Low impedance, RCA pin jack × 2
Headphone		3.5mm stereo mini jack × 1
Remote Control Unit		RM-C1830 (AA/R6 dry cell battery × 2)

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⊜) side GND. Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(5) If any repair has been made to the chassis, it is recommended that the PDP POWER SUPPLY setting should be checked or adjusted.

(6) The high voltage applied to the PDP must conform with that specified in Service manual. Excessive high voltage can cause an increase in arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper components in the circuitry including the PDP must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

(8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

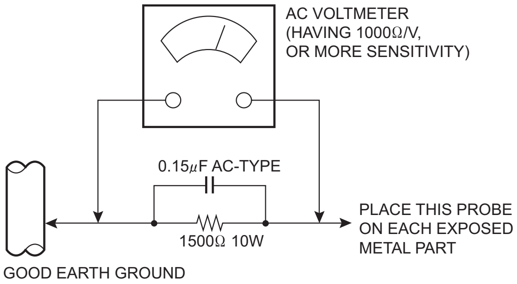
(9) **Isolation Check**
(Safety for Electrical Shock Hazard)
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.).
Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15µF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

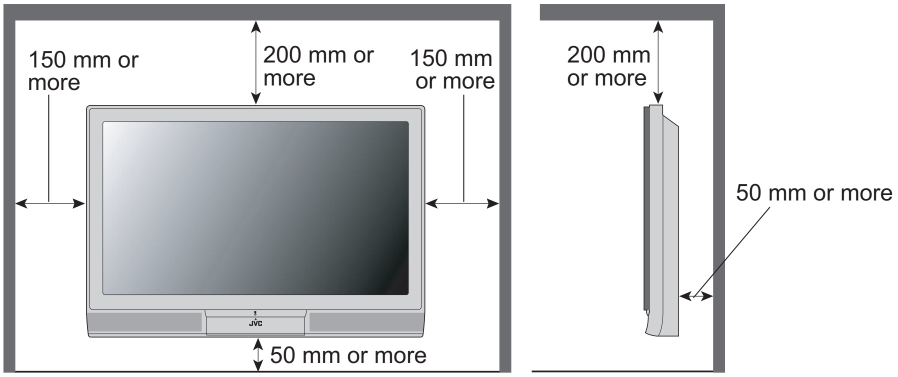
If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically.

Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

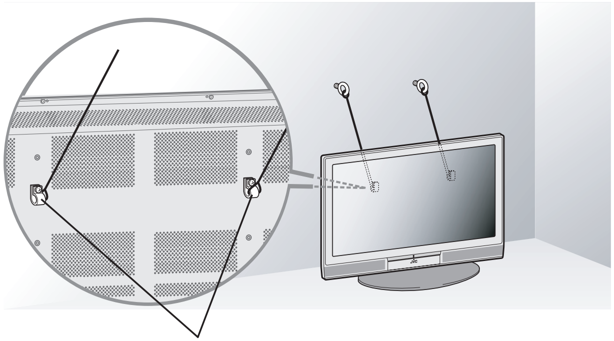
SPACE REQUIRED FOR INSTALLATION



1.2.3 FALL TIP PREVENTION MEASURES

Take precautionary measures to prevent the unit from falling or tipping to protect against emergencies such as earthquakes as well as accidents.

Fasten the supplied hook for tip fall prevention using the screws, also supplied, behind the display unit, and use them together with durable cords (to be purchased separately) to secure the unit to a robust part such as the wall surface or pillars.


The supplied hook for tipfall prevention

1.3 PRECAUTIONS REGARDING PDP

1.3.1 PRECAUTIONS DURING NOTES FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal PDP (Plasma Display Panel) due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention prior to delivery such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the PDP of this unit is made of glass and therefore fragile:

(1) Avoid vibrations and impacts
The unit may be broken if it is toppled sideways even when properly packed. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(2) Do not place equipment horizontally
Ensure that it is placed upright and not horizontally during transportation and storage as the PDP is very vulnerable to lateral impacts and may break easily under such circumstances.
During transportation, ensure that the unit is loaded along the traveling direction of travel of the vehicle, and avoid stacking them on one another.
For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 RESIDUAL IMAGE / BURN-IN ON SCREEN

Like CRTs, "burn-in" may occur when a same image is continuously displayed over an extended period of time.

As this may also shorten the life span of the PDP. Therefore, turn off the display when not in use, scroll the screen, make use of screen-savers, or allow even distribution on the display by inverting the brightness, switching to complementary colors or inserting animated images at periodic intervals.

As burn-in is more likely to occur with high brightness and contrast settings, try to use neutral gradations or medium tone colors.

Burn-in does not occur in the case of animated images.

When switching to another image after continuous display of the previous image, residual images may become prominent, as luminance in a part of the display is higher than the other parts.

This is not a defect but is because due to the discharge surface of the lighted portion has become being relatively activated and its luminance higher than the unlighted parts.

1.3.3 INFRARED RAYS

Near Near-infrared rays (800nm to 1000nm) are emitted from the front of the panel, and this may give rise to malfunctions in infrared remote controls or communication systems placed near it. In this case, avoid direct infrared rays (and reflected rays in some cases) from the screen by either changing the direction of the unit or other infrared systems or securing a longer keeping a distance from the screen.

1.3.4 OPTICAL FILTER (PANEL FILTER)

Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and color.

Clean the filter surface by wiping it softly lightly with outing flannels a soft and lightly fuzz cloth (such as flannel).

Do not use solvents such as benzine or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off.

As the filter surface is fragile., do not scratch or hit it with hard materials.

1.3.5 NOTES PRECAUTIONS FOR PEPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (back REAR COVER, FRONT PANEL, optical filter)

- Do not exert pressure on the front of the PDP (glass surface).
- Pay careful attention not to scratch or stain the front of the PDP (surface) with hands.
- When replacing exterior parts, the front of the PDP should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front surface. However, never use materials that are too soft (such as blanket cloth). If replacement is made with the PDP surface facing downward and in contact with the blanket, pressure may be exerted on the PDP, thus causing damages to it.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

COLOUR MANAGEMENT

This function ensures dull colours are compensated to produce natural hues.

PICTURE MANAGEMENT

This function makes it easier to see the dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas.

ZOOM

This function can change the screen size according to the picture aspect ratio.

DIGITAL VNR

This function cuts down the amount of noise in the original picture.

SUPER DIGIPURE

This function uses the latest in digital technology to give you a natural-looking picture.

PULL DOWN

This function displays a cinema film picture more smoothly and naturally on the screen.

3D CINEMA SOUND

You can enjoy sounds with a widerambience.

DIGITAL INPUT

Digital-in will display when any picture signal in Digital-in is displayed.

BBE

High definition audio adds natural, clear and extraordinary sound quality to any program.

A.H.S.

Adds a more spacious surround sound. Music gives basic effect and Movie for more effect.

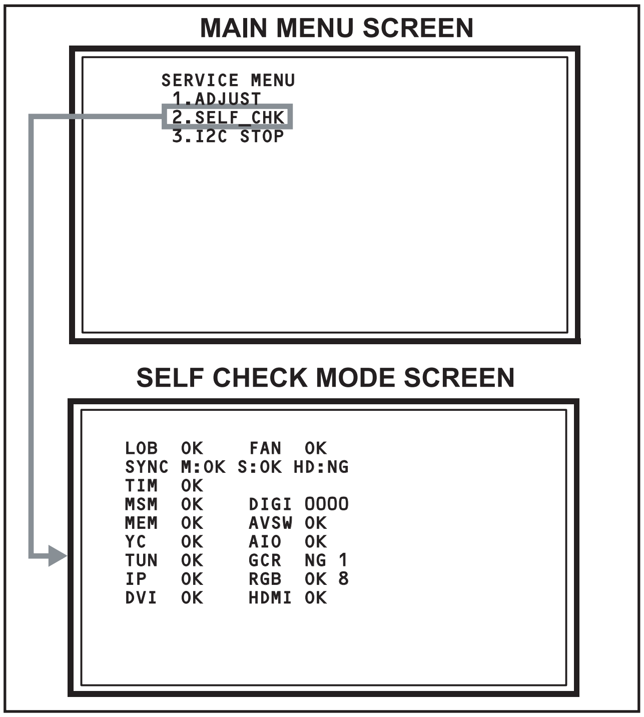
2.2 MAIN DIFFERENCE LIST

Item	PD-Z42DX4	PD-Z42DX4/S
POWER CORD	UK type(3pin) EU type(2pin with Earth) Flat type(with Earth)	UK type(3pin) Flat type(with Earth)
INTERFACE PWB	LCA10424-22D (SFP-7310A)	LCA10424-23D (SFP-7311A)
REGULATOR PWB	LCA10426-09C (SFP-9307A)	LCA10426-10C (SFP-9319A)
LINE FILTER PWB	LCA10427-14A (SFP-9310A)	LCA10427-15A (SFP-9311A)
SUB POWER PWB	LCA10422-10C (SFP-9314A)	LCA10422-11C (SFP-9315A)
DIGITAL SIGNAL PWB	LCA10428-44H (SFP-0D310A)	LCA10428-45H (SFP-0D311A)

2.3 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

(1) Press the [DISPLAY] key and [MUTING] key simultaneously, then enter the SERVICE MODE.
(2) When the Main Menu is displayed, press [2] key to enter the self check mode.
(3) Turn off the power by pressing the [POWER] key on the remote control unit.



```
SERVICE MENU
 1.ADJUST
 2.SELF_CHK
 3.I2C STOP
```

```
LOB  OK    FAN  OK
SYNC M:OK S:OK HD:NG
TIM  OK
MSM  OK    DIGI 0000
MEM  OK    AVSW OK
YC   OK    AIO  OK
TUN  OK    GCR  NG 1
IP   OK    RGB  OK 8
DVI  OK    HDMI OK
```

2.4 TECHNICAL INFORMATION

2.4.1 PDP STRUCTURE AND CHARACTERISTIC

This unit uses the flat type panel PDP (Plasma Display Panel), instead of the conventional CRT (Cathode Ray Tube), as a display unit.

2.4.1.1 PIXEL (CELL) ARRAY

PDP is constructed by sealing the xenon, which emits neon and ultraviolet rays for discharging purpose, in between the electrodes lay on the front glass substrate and rear glass substrate.
One pixel is composed of 3 RGB cells, with cell pitch of 0.365mm (1 pixel 1.095mm) horizontally and 1.110mm vertically.
The cell is arrayed in each RGB color as shown in Fig. 1. One pixel is formed by interlacing each RGB color cell.
One cell size is 0.365mm horizontally and 1.110mm vertically.

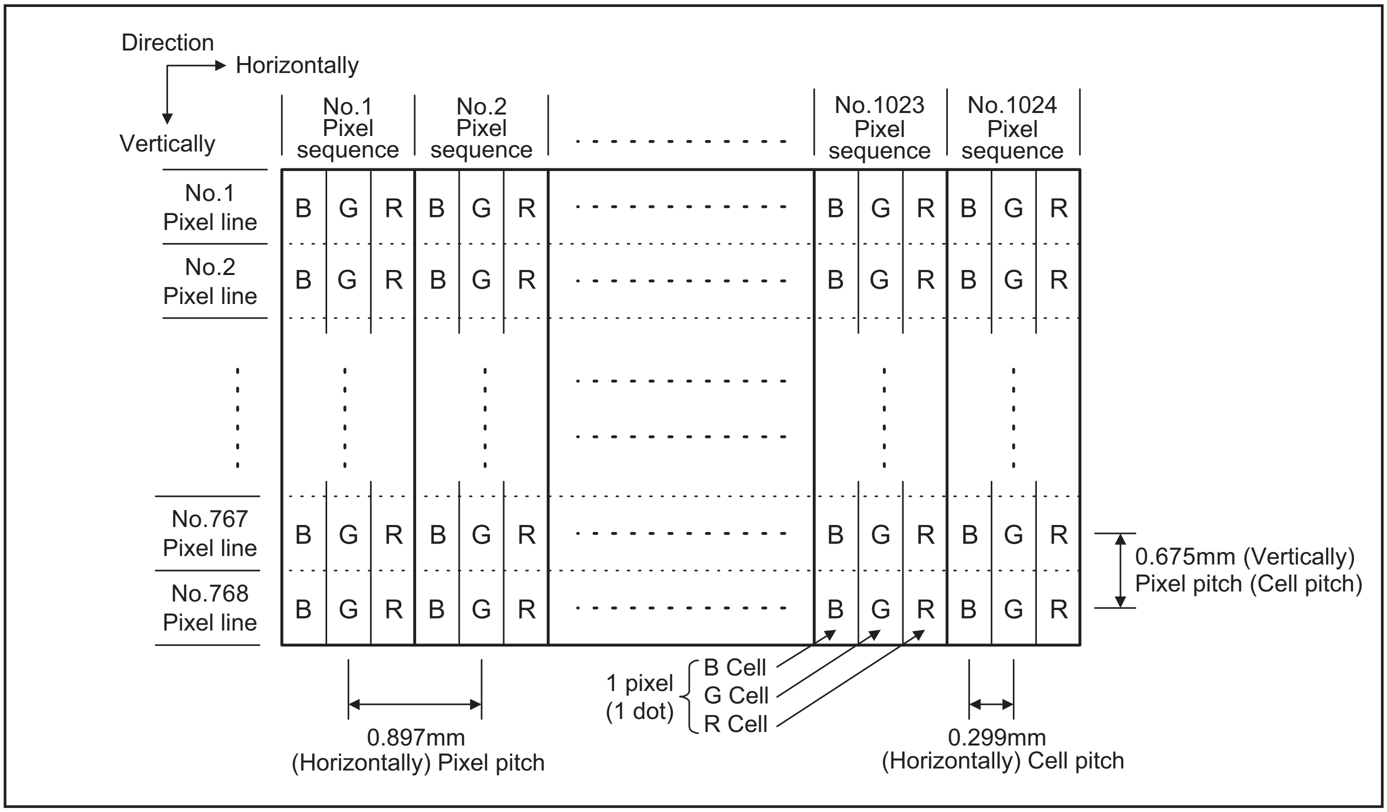

Direction
Horizontally
Vertically
No.1 Pixel sequence
No.2 Pixel sequence
No.1023 Pixel sequence
No.1024 Pixel sequence
No.1 Pixel line
No.2 Pixel line
No.767 Pixel line
No.768 Pixel line
B G R B G R
0.675mm (Vertically) Pixel pitch (Cell pitch)
1 pixel (1 dot)
B Cell
G Cell
R Cell
0.897mm (Horizontally) Pixel pitch
0.299mm (Horizontally) Cell pitch

Fig.1

2.4.1.2 PIXEL DEFECTS

Though PDP is made by means of ultra precise technology, there are cases whereby not all pixels (cell) will function properly. In some cases, there may be defective pixels that do not light at all or the ones that always light on.
There are 3 types of Pixel defects, [Bright Dot Defects], [Dark Dot Defects] and [Flicker Dot Defects], as defined respectively in the following:

(1) BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.
For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

(2) DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.
For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

(3) FLICKER FAULT

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.
For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.4.2 MAIN CPU PIN FUNCTION [IC7501 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function
1	TCK	I	Test purpose
2	TMS	I	Test purpose
3	TDI	I	Test purpose
4	TDO	O	Test purpose
5	P2.8	O	Not used
6	P2.9	O	Blue for OSD
7	P2.10	O	Blue for OSD
8	P2.11	O	Blue for OSD
9	P2.12	O	Blue for OSD
10	P2.13	O	Blue for OSD
11	P2.14	I	Not used
12	P2.15	O	Request for chassis CPU communication
13	VSS33	-	GND
14	VDD33	I	3.3V
15	P4.5	O	Not used
16	A20	O	Program ROM address for main CPU
17	A19	O	Program ROM address for main CPU
18	A18	O	Program ROM address for main CPU
19	A17	O	Program ROM address for main CPU
20	VSS25	-	GND
21	VDD25	I	2.5V
22	A16	O	Program ROM address for main CPU
23	A8	O	Program ROM address for main CPU
24	A7	O	Program ROM address for main CPU
25	A9	O	Program ROM address for main CPU
26	A6	O	Program ROM address for main CPU
27	A5	O	Program ROM address for main CPU
28	A10	O	Program ROM address for main CPU
29	A11	O	Program ROM address for main CPU
30	A12	O	Program ROM address for main CPU
31	VSS33	-	GND
32	VDD33	I	3.3V
33	A4	O	Program ROM address for main CPU
34	A3	O	Program ROM address for main CPU
35	A2	O	Program ROM address for main CPU
36	A1	O	Program ROM address for main CPU
37	A0	O	Program ROM address for main CPU
38	A13	O	Program ROM address for main CPU
39	ARAS/A14	O	Program ROM address for main CPU
40	CAS/A15	O	Program ROM address for main CPU
41	VSS33	-	GND
42	VDD33	I	3.3V
43	MEMCLK	O	Clock for memory
44	CSSDRAM	O	Chip select for memory
45	CLKEN	O	Clock enable for memory
46	CSROM	O	Chip select for memory
47	RD	O	Read for memory
48	UDQM	O	Control buffer of memory
49	LDQM	O	Control buffer of memory
50	WR	O	Write for memory
51	D15	I/O	Program ROM data for main CPU
52	VSS33	-	GND
53	VDD33	I	3.3V
54	D7	I/O	Program ROM data for main CPU
55	D0	I/O	Program ROM data for main CPU
56	D14	I/O	Program ROM data for main CPU
57	D8	I/O	Program ROM data for main CPU
58	D6	I/O	Program ROM data for main CPU
59	D1	I/O	Program ROM data for main CPU
60	VSS33	-	GND
61	VDD33	I	3.3V
62	D13	I/O	Program ROM data for main CPU
63	D9	I/O	Program ROM data for main CPU
64	D5	I/O	Program ROM data for main CPU
65	D2	I/O	Program ROM data for main CPU
66	D12	I/O	Program ROM data for main CPU
67	D10	I/O	Program ROM data for main CPU
68	VSS33	-	GND
69	VDD33	I	3.3V
70	D4	I/O	Program ROM data for main CPU
71	D3	I/O	Program ROM data for main CPU
72	D11	I/O	Program ROM data for main CPU
73	RSTIN	I	Reset
74	POWER	O	Sleep state release for chassis CPU [Relese : L]
75	P3.1	O	Not used
76	REMOCON	I	Remote control
77	P3.3	I	Clock for OSD
78	P3.4	O	Red for OSD
79	P3.5	O	Red for OSD
80	P3.6	O	Red for OSD
81	P3.7	O	Red for OSD
82	MTST	O	Data transmission for chassis CPU communication
83	MTSR	I	Data receive for chassis CPU communication
84	VSS33	-	GND
85	VDD33	I	3.3V
86	VSS25	-	GND
87	VDD25	I	2.5V
88	TXD0	O	Communication for adjustment
89	RXD0	O	Communication for adjustment
90	P3.12	O	Red for OSD
91	CLK	O	Clock for chassis CPU communication
92	P3.15	O	Green for OSD
93	P5.14	O	Green for OSD
94	P5.15	O	Green for OSD
95	TRIG_IN	O	Green for OSD
96	TRIG_OUT	O	Green for OSD
97	P6.2	O	Green for OSD
98	P6.3	O	I^2C bus clock (for main memory)
99	P6.4	I/O	I^2C bus Data (for main memory)
100	P6.5	O	Teletext signal select [Analog RGB : H / Digital RGB : L]
101	IRQ	O	Not used
102	VSYNC	I	Vertical sync
103	HSYNC	I	Horizontal sync
104	COR/RSTOUT	O	Not used
105	BLANK	O	Ys for OSD / Teletext
106	VDD33	I	3.3V
107	VSS33	-	GND
108	XTAL1	I	6MHz for system clock
109	XTAL2	O	6MHz for system clock
110	VSSA	-	GND
111	VDDA	I	2.5V
112	R	O	R for OSD / Teletext
113	G	O	G for OSD / Teletext
114	B	O	B for OSD / Teletext
115	VSSA	-	GND
116	VDDA	I	2.5V
117	CVBS2	I	Video for Teletext
118	VSSA	-	GND
119	VDDA	I	2.5V
120	CVBS1B	I	Video for Teletext
121	CVBS1A	I	Video for Teletext
122	VSSA	-	GND
123	VDDA	I	2.5V
124	KEY1	I	Key scan data 1 [ON : H]
125	KEY2	I	Key scan data 2 [ON : H]
126	MECA_SW	I	Main power ON / OFF control [ON : L]
127	P5.3	I	Not used
128	TMODE	I	Test purpose

2.4.3 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	LB_PRO	O	Not used	51	BS_TXD	O	Not used : Data transmission for digital tuner communication
2	P_MU	O	Picture muting [Muting = H]	52	BS_RXD	I	Not used : Data receive for digital tuner communication
3	JP_CSB	O	Not used (NC)	53	NC	O	Not used (NC)
4	A_MU	O	Audio muting [Muting = H]	54	VREF+	I	3.3V power supply
5	M_MU	O	Audio muting (for AUDIO OUT) [Muting = H]	55	PDP_TX	O	Data transmission for SUB (DRIVE) CPU communication
6	PC_SEL	O	RGB(PC) INPUT select	56	PDP_RX	I	Data receive for SUB (DRIVE) CPU communication
7	ON_TIMER	O	POWER INDICATOR (LED) brightness [LOW = L]	57	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
8	ILA0	O	Not used : LCD back light lighting	58	SCL0	O	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
9	ILA1	O	Not used : LCD panel overshoot refresh timing	59	SDA_DVI	I/O	Not used : Data for Inter IC (serial) bus for panel communication
10	ILA2	O	Not used	60	SCL_DVI	O	Not used : Clock for Inter IC (serial) bus for panel communication
11	POW_LED	O	POWER LED lighting [ON = H]	61	AVSS	-	GND
12	WORD	O	Not used	62	DIGII_PHOT	I	Not used: Photo sensor for DIGITAL-IN illegal copy protection
13	MI_CK	I	Clock for main CPU communication	63	AGC	I	Not used
14	MI_TX	I	Data receive for main CPU communication	64	EXT_YS1	I	Not used
15	MI_RX	O	Data transmission for MAIN CPU communication	65	EXT_YS2	I	Not used
16	MI_REQ	O	Data request for main CPU communication [Request = L]	66	VDD	I	3.3V power supply
17	VDD	I	3.3V power supply	67	DIGI_PRO	O	Not used : For DIGITAL-IN (HDMI)
18	FOSC	O	Not used (NC)	68	GCR_RST	O	Not used (NC)
19	VSS	-	GND	69	GR_ON	O	Not used (NC)
20	X1	I	Not used : Low speed oscillatior	70	SYNC_SEL	O	Not used : Sync select for digital tuner
21	X0	O	Not used : Low speed oscillatior	71	NC	O	Not used (NC)
22	VDD	I	3.3V power supply	72	NC	O	Not used (NC)
23	OSC1	I	System clock osillation (crystal) : 16MHz	73	SBD5	I/O	Not used : Data for writing on board (connect CN01P : for Frash ROM type)
24	OSC0	O	System clock osillation (crystal) : 16MHz	74	SBT5	I	Not used : Clock for writing on board (connect CN01P : for Frash ROM type)
25	MODE	I	Single chip mode	75	NMI	I	3.3V power supply
26	BS1.5CTL	O	Not used : Digital tuner power / reset control	76	COMP	I	Not used : AV COMPULINK Ⅲ control
27	A92RES	O	Reset for IC1001(3D YC SEP / COLOUR DEMODULAT) [Reset = H]	77	REMO	I	Remote control
28	BS_RST	O	Not used: Reset for Digital tuner power / reset control	78	VSYNC	I	V. sync pulse
29	LIP_RST	O	Not used: Reset for Sound delay (Lip sync)	79	WAKE	I	Reset for sub(chassis) CPU
30	SOFT_OFF	O	Not used	80	POWERGOOD	I	Power error detection [NG = H]
31	VMUTE	I	Not used: Picture muting request from digital tuner	81	NC	O	Not used (NC)
32	VOUTENB	O	Not used: Video cutoff for digital tuner	82	RST	I	Reset for MAIN CPU [Reset = L]
33	MDR_CON	I	Not used: System cable connection monitor for PDP	83	VDD	I	3.3V power supply
34	AVDD	I	3.3V power supply	84	SCL3A	O	Clock for Inter IC (serial) bus control
35	BS_POW	O	Not used : Digital tuner power control	85	SDA3A	I/O	Data for Inter IC (serial) bus control
36	DsyncSW2	O	Sync select for DIGITAL-IN [Cotrolled with 99-pin]	86	SCL3B	O	Clock for Inter IC (serial) bus control
37	LB_POW	O	Not used : Power control for low bias line	87	SDA3B	I/O	Data for Inter IC (serial) bus control
38	NC	O	Not used (NC)	88	DIGI_SYNCSEL	O	Not used
39	HOTPLUG	I	Not used : Video communiation monitor for receiver unit (PDP)	89	DIGI_LRSW	O	Not used : For DIGITAL-IN (HDMI)
40	MECA_SW	I	Mechanical monitor for POWER switch [Push = L]	90	DIGI_INT	I	Not used : Reset for HDMI process [Reset = L]
41	MAIN_POW	O	Main power control [ON = L]	91	DVI_RST	O	Not used : Reset for DVI format conversion
42	MSP_RST	O	AUDIO OUT output mode select [VARIABLE = L]	92	VSS	-	GND
43	VREF-	I	Not used	93	SCL5055	O	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
44	AFT2	I	Not used : AFT voltage for sub tuner	94	VFORMATSEL	O	Not used : Digital tuner clock control
45	AFT1	I	AFT voltage for VHF/UHF tuner	95	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
46	KEY2	I	Key scan data for front switch (MENU/CH+/CH-)	96	OSD_MODE_SEL	O	Not used : OSD mode select
47	KEY1	I	Key scan data for front switch (VOL+/VOL-)	97	NC	O	Not used (NC)
48	NC	O	Not used (NC)	98	15K/OTH	O	Main video select [Fixed = H]
49	NC	O	Not used (NC)	99	DsyncSW1	O	Not used : Sync select for DIGITAL-IN [Cotrolled with 36-pin]
50	AC_IN	I	AC power pulse for timer clock	100	57 BUSY	I	Busy monitor for JCC5057 (New DIST process)

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION AT DISASSEMBLY:

- **Be sure to perform the SYSTEM SETTING on the page 1-6, at the end of the procedure.**
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 REMOVING THE REAR COVER (Fig.1)

(1) Remove the power cord.
(2) Remove the 17 screws **[A]**, the 4 screws **[B]**, the 8 screws **[C]** and the 3 screws **[D]**, then remove the REAR COVER.

CAUTION:

- Prior to starting the work, be sure to read the following written instructions on the CAUTION LABEL attached to the REAR COVER.

3.1.2 REMOVING THE TERMINAL COVER AND CENTER COVER (Fig.1)

- Remove the REAR COVER.

(1) Remove the 6 screws **[E]**, then remove the CENTER COVER.
(2) Remove the 7 screws **[F]**, then remove the CHASSIS SHIELD COVER.
(3) Remove the 7 screws **[G]**, the 12 screws **[H]**, then remove the TERMINAL COVER.

3.1.3 REMOVING THE LINE FILTER PWB (Fig.1)

- Remove the REAR COVER.

(1) Remove the 3 screw **[I]**, then remove the LINE FILTER SHIELD.
(2) Remove the 2 screw **[J]**, then remove the INLET BRACKET.
(3) Disconnect the connector [CN8001] from the MAIN POWER UNIT.
(4) Remove the 5 screw **[K]**, the 2 screw **[L]** and the 1 screw **[M]**, then remove the LINE FILTER PWB.

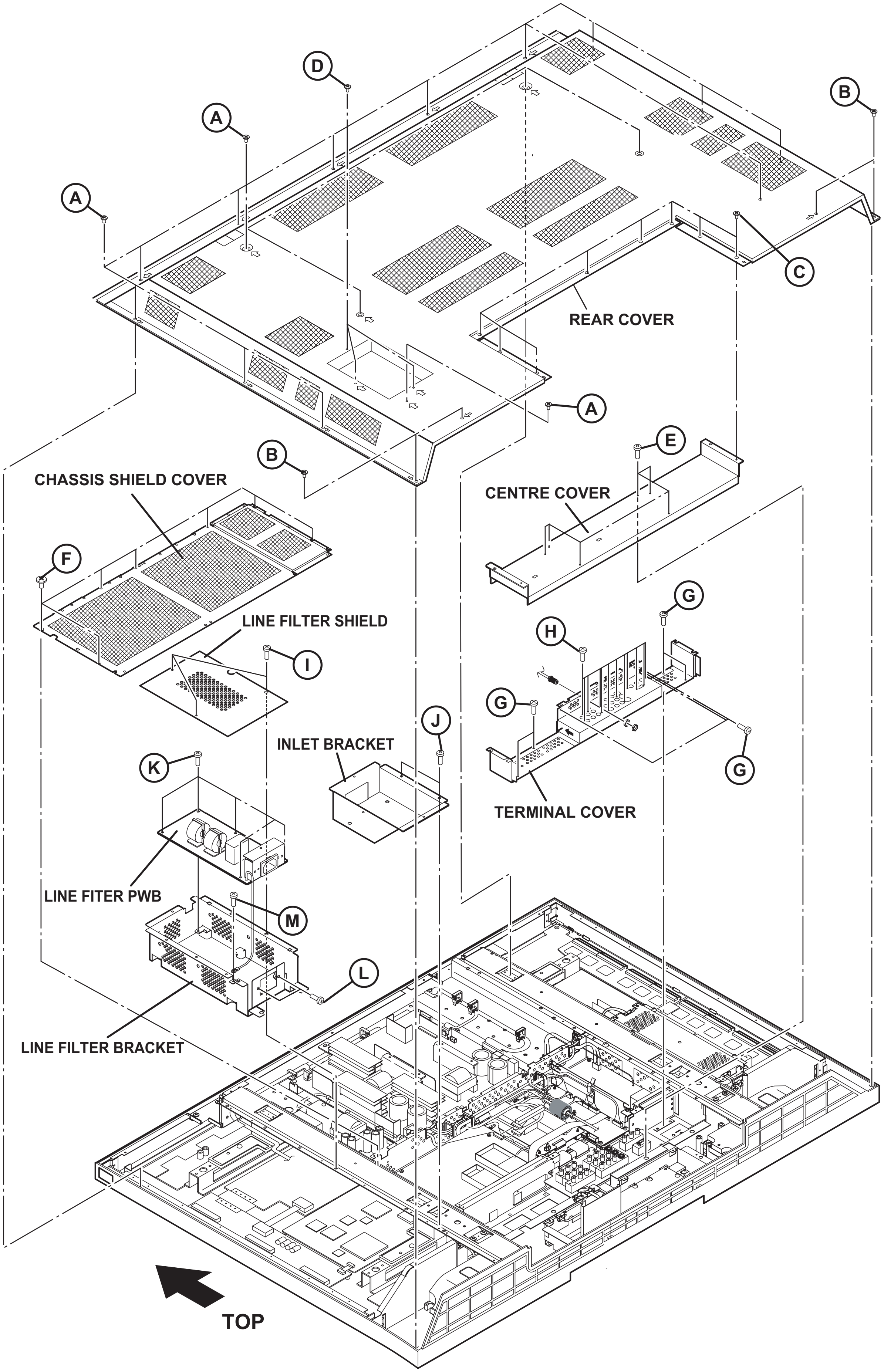

D
A
A
B
C
REAR COVER
A
B
E
CHASSIS SHIELD COVER
CENTRE COVER
F
G
LINE FILTER SHIELD
H
I
G
J
INLET BRACKET
K
G
TERMINAL COVER
LINE FITER PWB
M
L
LINE FILTER BRACKET
TOP

Fig.1

3.1.4 REMOVING THE AUDIO PWB (Fig. 2)

- Remove the REAR COVER.
  (1) Remove the 4 screws **[N]**, then remove the AUDIO CHASSIS COVER.
  (2) Disconnect the connectors [CN600B], [CN600C], [CN600Y], [CN60SL], [CN60SR] from the AUDIO PWB.
  (3) Remove the 4 screws **[O]**, then remove the AUDIO PWB.

3.1.5 REMOVING THE AV JACK PWB (Fig.2)

- Remove the REAR COVER.
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
  (1) Disconnect the connectors [CN0J01], [CN0J02] from the AV JACK PWB.
  (2) Remove the 4 screws **[P]** and remove the AV JACK PWB.

3.1.6 REMOVING THE INTERFACE PWB (Fig.2)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD COVER.
  (1) Disconnect the connectors [CN00B], [CN00C], [CN00Q], [CN00G], [CN00T], [CN00V], [CN00X], [CN0FC] from the INTERFACE PWB.
  (2) Remove the 2 screws **[Q]**, and withdraw the INTERFACE PWB.

3.1.7 REMOVING THE REGULATOR PWB (Fig.2)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the INTERFACE PWB.
  (1) Disconnect the connectors [CN003], [CN008], [CN00D] from the REGULATOR PWB.
  (2) Remove the 4 screws **[R]**, then remove the REGULATOR PWB.

3.1.8 REMOVING THE RECEIVER PWB (Fig.2)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD COVER.
  (1) Disconnect the connectors [CN00A], [CN00T] from the RECEIVER PWB.
  (2) Withdraw the RECEIVER PWB.

3.1.9 REMOVING THE ANALOG SIGNAL PWB (Fig.2)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the RECEIVER PWB.
  (1) Disconnect the connectors [CN001], [CN002], [CN00D], [CN00F], [CN00G], [CN0J1], [CN0J2] from the ANALOG SIGNAL PWB.
  (2) Remove the 4 screws **[S]**, then remove the ANALOG SIGNAL PWB.

3.1.10 REMOVING THE DIGITAL SIGNAL PWB (Fig.2)

- Remove the REAR COVER.
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
  (1) Remove the 1 screw **[T]** and **[U]**, then remove the DIGITAL TERMINAL COVER.
  (2) Disconnect the connectors [CN001], [CN002], [CN003], [CN0FC], [CN0LV2] from the DIGITAL SIGNAL PWB.
  (3) Remove the 5 screws **[V]**, then remove the DIGITAL SIGNAL PWB.

CAUTION:

Make sure to perform the "SYSTEM SETTING" on page 1-6, when DIGITAL SIGNAL PWB is replaced.

3.1.11 REMOVING THE FRONT CONTROL PWB (Fig.3)

- Remove the REAR COVER.
- Remove the CENTER COVER.
  (1) Remove the 4 screws **[Y]**, the 2 screws **[Z]** and the 2 screws **[A']**.
  (2) Disconnect the connectors [CN00F], [CN00T] from the FRONT CONTROL PWB.
  (3) Remove the FRONT CONTROL PWB.

3.1.12 REMOVING THE FRONT LED PWB (Fig.3)

- Remove the REAR COVER.
- Remove the CENTER COVER.
- Remove the FRONT CONTROL COVER.
  (1) Remove the 2 screws **[B']**, and withdraw the FRONT PWB BASE.
  (2) Disconnect the connector [CN00X] from the FRONT LED PWB.
  (3) Remove the 2 screws **[C']**, then remove the FRONT LED PWB.

3.1.13 REMOVING THE MAIN BASE, CHASSIS BASE AND AUDIO PWB BASE (Fig.2)

- Remove the REAR COVER.
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the AUDIO PWB.
- Remove the AV JACK PWB.
- Remove the INTERFACE PWB.
- Remove the REGULATOR PWB.
- Remove the LINE FILTER PWB.
- Remove the RECEIVER PWB.
- Remove the ANALOG SIGNAL PWB.
- Remove the DIGITAL SIGNAL PWB.
  (1) Remove the 2 screws **[D']**, then remove the CHASSIS BASE.
  (2) Remove the 1 screw **[E']**, then remove the AUDIO PWB BASE.

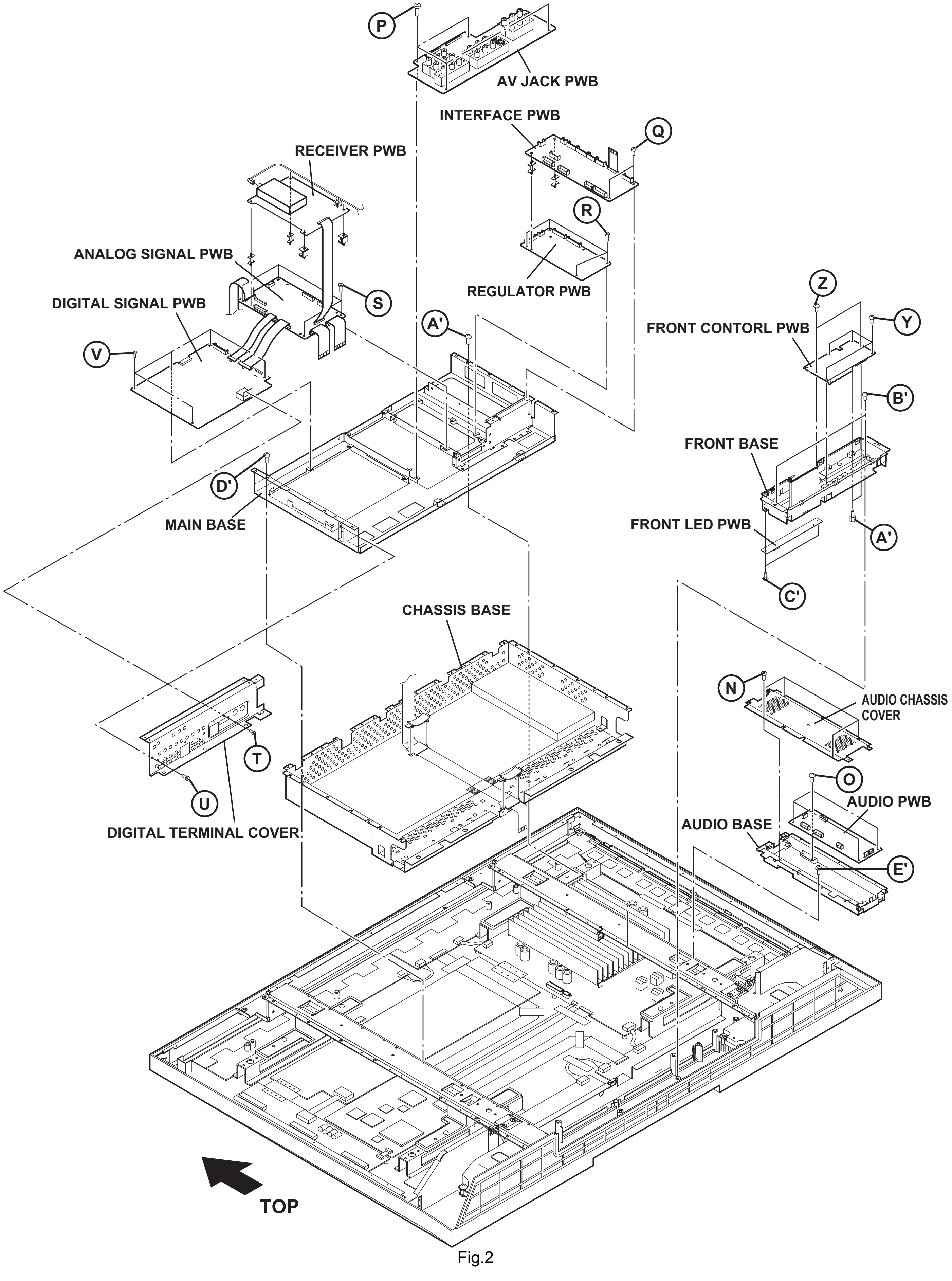

P
AV JACK PWB
INTERFACE PWB
Q
RECEIVER PWB
R
ANALOG SIGNAL PWB
REGULATOR PWB
DIGITAL SIGNAL PWB
S
Z
A'
Y
FRONT CONTORL PWB
V
B'
FRONT BASE
D'
MAIN BASE
FRONT LED PWB
A'
C'
CHASSIS BASE
N
AUDIO CHASSIS COVER
T
O
AUDIO PWB
U
AUDIO BASE
DIGITAL TERMINAL COVER
E'
TOP

Fig.2

3.1.14 REMOVING THE TEMP. SENSOR PWB (Fig.3)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN00V] from the TEMP. SENSOR PWB.
  (2) Remove the 1 screw **[a]**, then remove the TEMP. SENSOR PWB.

3.1.15 REMOVING THE MAIN POWER UNIT (Fig.3)

- Remove the REAR COVER.
  (1) Disconnect the connectors [CN8001], [CN805], [CN806], [CN8009], [CN9001] from the MAIN POWER UNIT.
  (2) Remove the 6 screws **[b]**, then remove the MAIN POWER UNIT.

3.1.16 REMOVING THE SUB POWER PWB (Fig.3)

- Remove the REAR COVER.
  (1) Disconnect the connectors [CN9001], [CN9005] [CN9010] from the SUB POWER PWB.
  (2) Remove the 4 screws **[c]**, then remove the SUB POWER PWB and the INSULATOR.

3.1.17 REMOVING THE PDP UNIT (Fig.3)

- Remove the REAR COVER.
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
- Remove the TEMP. SENSOR PWB.
- Remove the MAIN POWER PWB.
- Remove the SUB POWER PWB.
  (1) Remove the 4 screws **[d]**, then remove the MAIN POWER UNIT BASE (with each PWB affixed).
  (2) Remove the 4 screws **[e]** and the 8 screws **[f]**, then remove the BACK BRACKET.
  (3) Remove the 8 screws **[g]**, then remove the BACK FLAME SPACER.
  (4) Lift the PDP UNIT upright and remove it with enough care not to impose shock to the PDP UNIT.

CAUTION:

- Two or more people are required to remove the PDP UNIT.
- The gas pouring port is covered with the protection material. In operation, be careful not to damage the gas pouring port.
- Do not touch the front side (glass) of the PDP with your fingers.

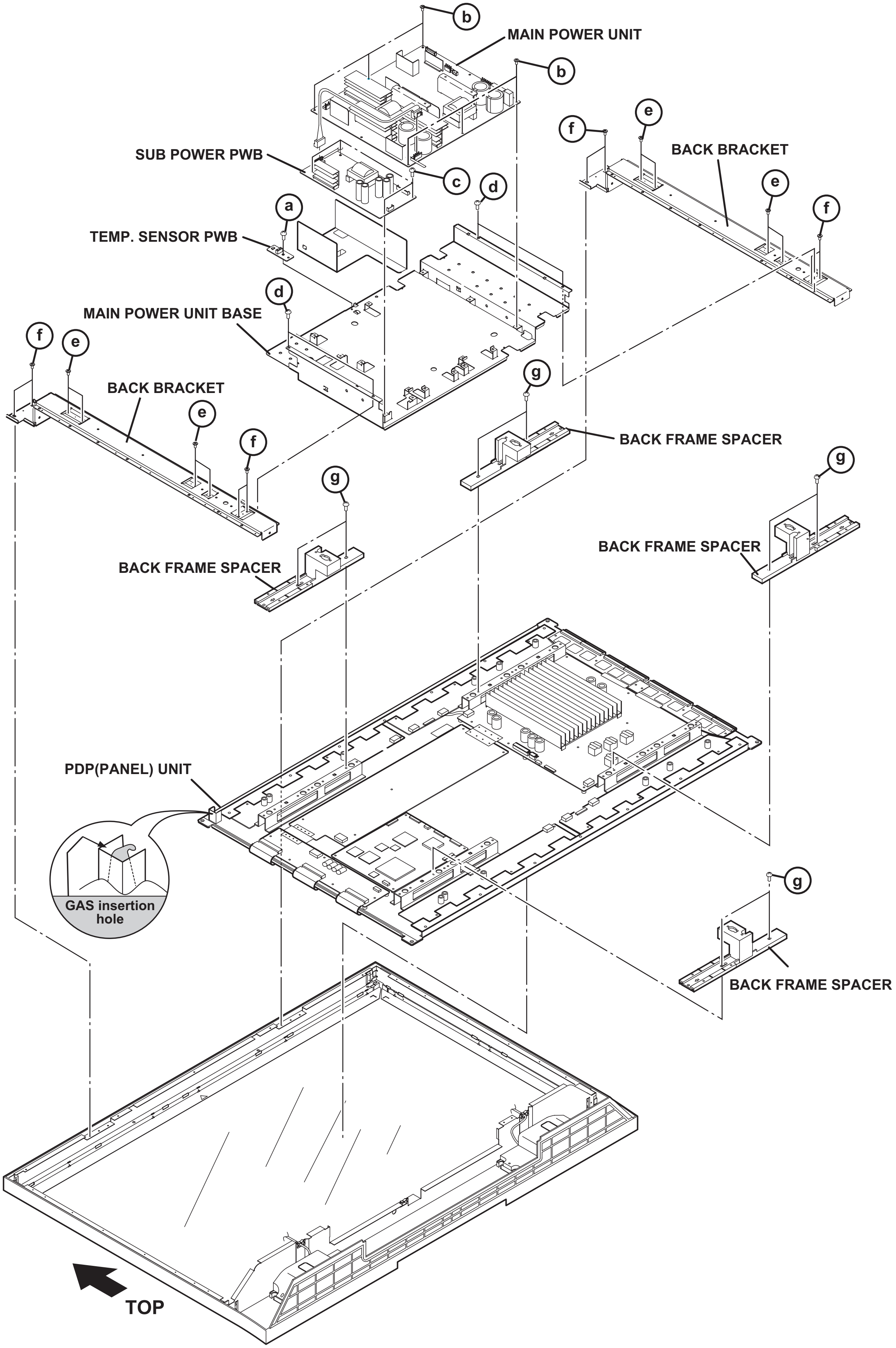

b
MAIN POWER UNIT
b
SUB POWER PWB
c
d
a
TEMP. SENSOR PWB
d
MAIN POWER UNIT BASE
f
e
BACK BRACKET
e
f
BACK BRACKET
e
f
e
f
g
BACK FRAME SPACER
g
BACK FRAME SPACER
g
BACK FRAME SPACER
PDP(PANEL) UNIT
GAS insertion hole
g
BACK FRAME SPACER
TOP

Fig.3

3.1.18 REMOVING THE SPEAKER (Fig.4)

- Remove the REAR COVER.
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
  (1) Remove the 3 screws **[h]**, then remove the SPEAKER.
  (2) Follow the same steps when removing the other hand SPEAKER.

CAUTION:

- Please do not disassembly the SPEAKER.
  When the speaker is decomposed, the performance cannot be kept.

3.1.19 REMOVING THE FRONT PANEL AND THE FRONT FILTER (Fig.4)

- Remove the REAR COVER
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
- Remove the PDP UNIT.
  (1) Remove the 8 screws **[i]**.
  (2) Lift the FRAME BRACKETS and FRONT FILTER upright and remove it with enough care not to damage the FRONT FILTER.
  (3) Remove the FRONT PANEL.
  (4) Remove the 16 screws **[k]**, then remove the FILTER BRACKET.
  (5) Remove the FRONT FILTER.

3.1.20 REMOVING THE TOP FRAME, BOTTOM FRAME AND SIDE FRAME (Fig.4)

- Remove the REAR COVER.
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
- Remove the PDP UNIT.
- Remove the FRONT FILTER.
  (1) Remove the SPACER and the 8 screws **[n]**, then remove the TOP FRAME, BOTTOM FRAME and SIDE FRAME.

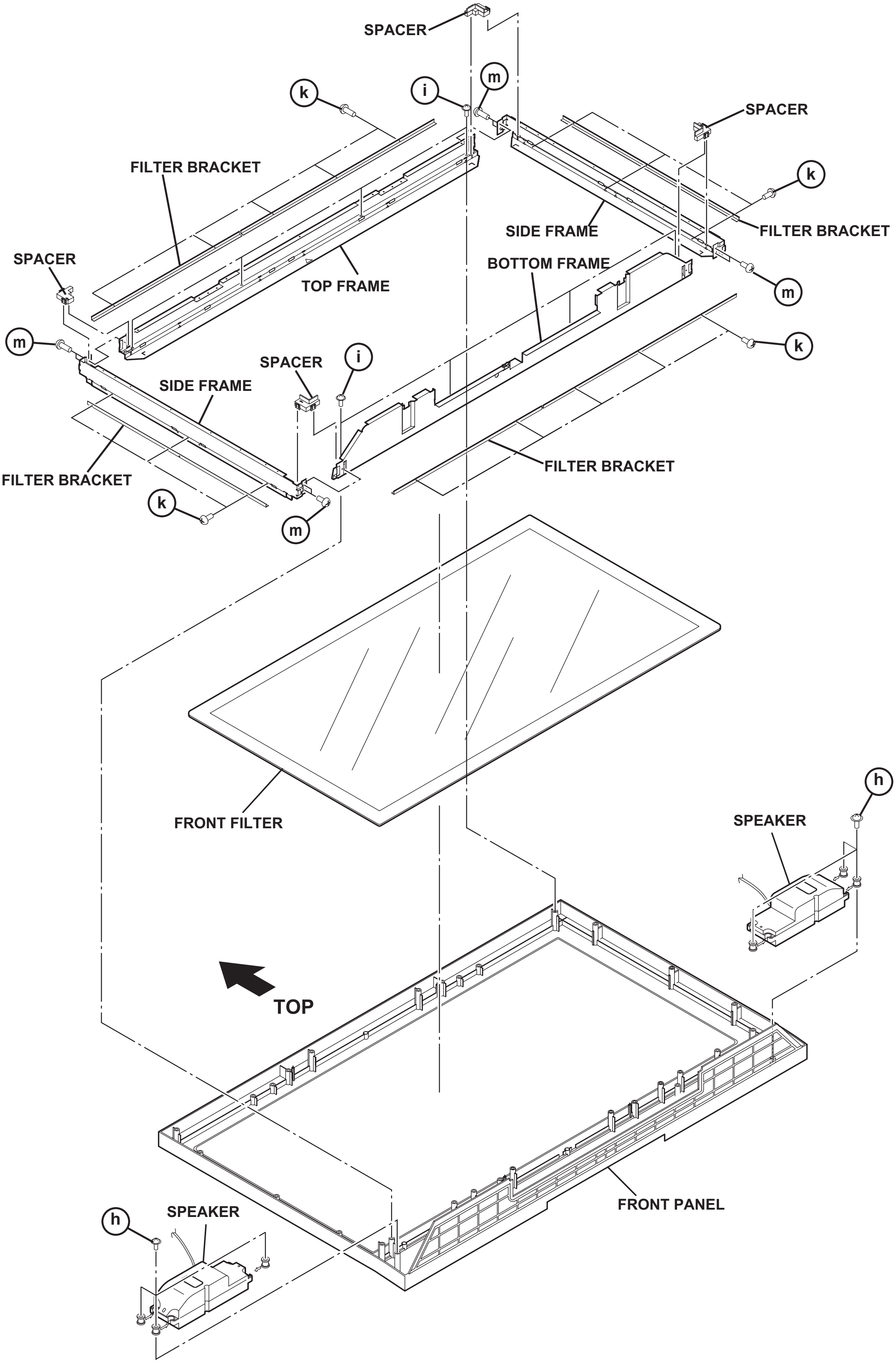

SPACER
k
i
m
SPACER
FILTER BRACKET
k
SIDE FRAME
FILTER BRACKET
SPACER
BOTTOM FRAME
TOP FRAME
m
m
k
SPACER
i
SIDE FRAME
FILTER BRACKET
FILTER BRACKET
k
m
FRONT FILTER
h
SPEAKER
TOP
FRONT PANEL
h
SPEAKER

Fig.4

3.1.21 REMOVING THE PWB IN PDP UNIT

3.1.21.1 REMOVING THE HIGH VOLTAGE PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [CN200], [CN300], [CN317], [CN320], [CN321], [CN322], [CN321] from the HIGH VOLTAGE PWB.
  (2) Remove the 15 screws **[a']**, then remove the HIGH VOLTAGE PWB.

3.1.21.2 REMOVING THE DIGITAL PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [CN507], [CN508], [CN702], [CN703], [CN705], [CN706], [CN801] from the DIGITAL PWB.
  (2) Remove the 4 screws **[b']**, then remove the DIGITAL PWB.

3.1.21.3 REMOVING THE COMMON BRANCH PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Remove the 8 screws **[C']** and 5 screws **[d']**, then remove the COMMON BRANCH PWB.

3.1.21.4 REMOVING THE COMMON RELAY PWB (Fig. 6)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [CN1], [CN2], [CN3], [CN4], [CN5], [CN6] from the COMMON RELAY PWB.
  (2) Remove the 9 screws **[e']**, and remove the COMMON RELAY PWB.

3.1.21.5 REMOVING THE SIGNAL RELAY(BOTTOM LEFT) PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Remove the 7 screws **[f']**, and remove the PLATE (Bottom Side).
  (2) Disconnect the connectors [CN7801], [CN7802], [CN7803], [CN7804], [CN7805], [CN7806], [CN7807], [CN7808] from the SIGNAL RELAY(BOTTOM LEFT).
  (3) Remove the 3 screws **[g']**, and remove the SIGNAL RELAY(BOTTOM LEFT).

3.1.21.6 REMOVING THE SIGNAL RELAY(BOTTOM RIGHT) PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Remove the 7 screws **[f']**, and remove the PLATE (Bottom Side).
  (2) Disconnect the connectors [CN7901], [CN7902], [CN7903], [CN7904], [CN7905], [CN7906], [CN7907], [CN7908], [CN7909] from the SIGNAL RELAY(BOTTOM RIGHT).
  (3) Remove the 3 screws **[h']**, and remove the SIGNAL RELAY(BOTTOM RIGHT).

3.1.21.7 REMOVING THE SIGNAL RELAY(UPPER LEFT) PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Remove the 7 screws **[k']**, and remove the PLATE (Upper Side).
  (2) Disconnect the connectors [CN7601], [CN7602], [CN7603], [CN7604], [CN7605], [CN7606], [CN7607], [CN7608] from the SIGNAL RELAY(UPPER LEFT).
  (3) Remove the 3 screws **[m']**, and remove the SIGNAL RELAY(UPPER LEFT).

3.1.21.8 REMOVING THE SIGNAL RELAY(UPPER RIGHT) PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Remove the 7 screws **[k']**, and remove the PLATE (Upper Side).
  (2) Disconnect the connectors [CN7701], [CN7702], [CN7703], [CN7704], [CN7705], [CN7706], [CN7707], [CN7708], [CN7709] from the SIGNAL RELAY(UPPER RIGHT).
  (3) Remove the 3 screws **[n']**, and remove the SIGNAL RELAY(UPPER RIGHT).

3.1.21.9 REMOVING SCAN RELAY(UPPER) PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Remove the 2 screws **[p']**, and remove the SCAN RELAY(CENTRE).
  (2) Disconnect the connectors [CN01], [CN02], [CN03], [CN04], [CN05] from the SCAN RELAY(UPPER) PWB.
  (3) Remove the 3 screws **[q']**, and remove the SCAN RELAY(UPPER) PWB.

3.1.21.10 REMOVING SCAN RELAY(BOTTOM) PWB (Fig.6)

- Remove the PDP UNIT.
  (1) Remove the 2 screws **[p']**, and remove the SCAN RELAY(CENTRE).
  (2) Disconnect the connectors [CN01], [CN02], [CN03], [CN04], [CN05] from the SCAN RELAY(UNDER) PWB.
  (3) Remove the 3 screws **[r']**, and remove the SCAN RELAY(UPPER) PWB.

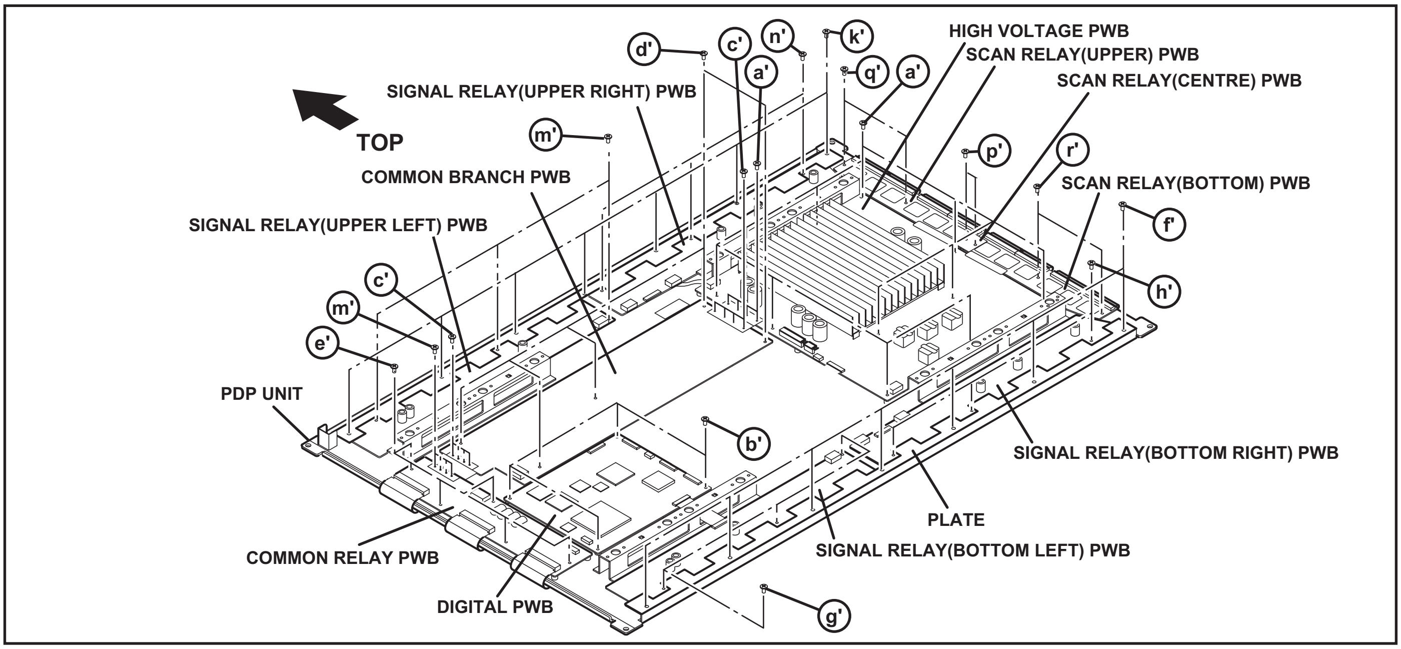

d'
c'
n'
k'
HIGH VOLTAGE PWB
SCAN RELAY(UPPER) PWB
a'
q'
a'
SIGNAL RELAY(UPPER RIGHT) PWB
SCAN RELAY(CENTRE) PWB
TOP
m'
p'
r'
COMMON BRANCH PWB
SCAN RELAY(BOTTOM) PWB
f'
SIGNAL RELAY(UPPER LEFT) PWB
c'
h'
m'
e'
PDP UNIT
b'
SIGNAL RELAY(BOTTOM RIGHT) PWB
PLATE
SIGNAL RELAY(BOTTOM LEFT) PWB
COMMON RELAY PWB
DIGITAL PWB
g'

Fig.6

3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off
Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC
Be sure to use the memory IC written with the initial setting values.

3. Power on
Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.2.2 SERVICE MODE SETTING

■SERVICE MODE SCREEN

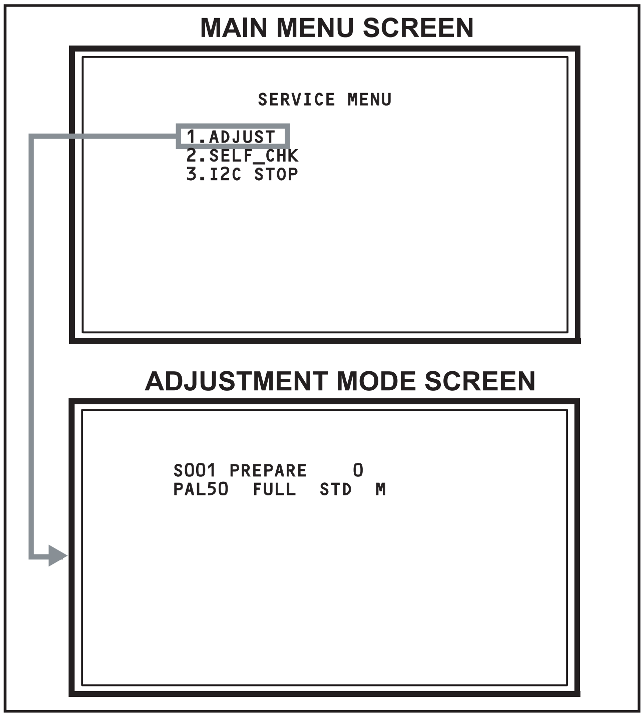


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S039
Audio system setting	Fixed	T001 - T010
Panel control system setting	Fixed	P001 - P010
Drive system setting	Fixed	D001 - D187
Main CPU system setting	Fixed	Z001 - Z010

3.2.3 SETTINGS OF FACTORY SHIPMENT

3.2.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10
TV/AV	TV

3.2.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
ZOOM	PANORAMIC
CINEMA	OFF

3.2.3.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

Setting item		Setting position
PICTURE MODE		STANDARD
WHITE BALANCE		MID
FEATURES		
DIGITAL VNR		AUTO (HIGH)
Super DigiPure		AUTO
PULL DOWN		AUTO
COLOUR MANAGEMENT		ON
PICTURE MANAGEMENT		ON
COLOUR SYSTEM	MAIN	Depends on PR/CH
	SUB	AUTO
4:3 AUTO ASPECT		PANORAMIC

(2) SOUND

Setting item	Setting position
STEREO / I•II	Stereo sound
BASS	Centre
TREBLE	Centre
BALANCE	Centre
CINEMA SURROUND	OFF
A.H.B.	ON
BBE	ON
SPEAKER	TV

(4) FEATURES

Setting item	Setting position
SLEEP TIMER	OFF
APPEARANCE	TYPE D
BLUE BACK	ON
CHILD LOCK	ID NO.0000, All CH off
AUTO SHUTOFF	OFF
FAVOURITE SETTING	RESET

(5) SET UP

Setting item		Setting position
AUTO PROGRAM		TV channel automatically set
EDIT/MANUAL		PRESET CH only
LANGUAGE		ENGLISH
VIDEO-1 SETTING		COMPONENT
VIDEO-3 SETTING		COMPONENT
AI VOLUME		ON
TELETEXT LANGUAGE		GROUP-1
PICTURE SHIFT		FAST
HDMI SETTING	SIZE	1
	AUDIO	DIGITAL

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

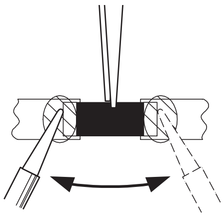
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

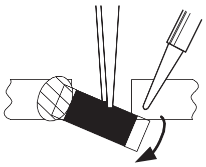
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

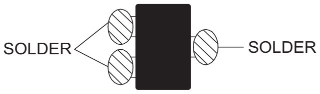


(2) Shift with the tweezers and remove the chip part.

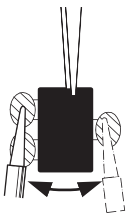


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



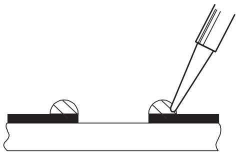
NOTE :

After removing the part, remove remaining solder from the pattern.

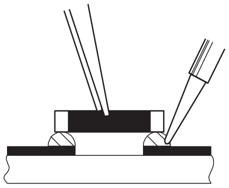
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

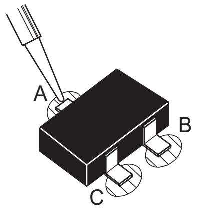


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

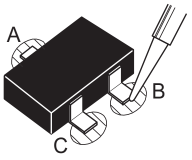


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
PICTURE MODE	STANDARD
PICTURE adjustments	Centre
WHITE BALANCE	MID
DIGITAL VNR	MIN
Super DigiPure	AUTO
PULL DOWN	AUTO
COLOUR MANAGEMENT	ON
PICTURE MANAGEMENT	ON
SOUND adjustments	Centre
BBE	OFF
CINEMA SORROUND	OFF
A.H.B	OFF
ZOOM	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator)
  [PAL / 625i / 625p / 1125i(50Hz)]
- Remote control unit

4.4 ADJUSTMENT ITEMS

■ **POWER CIRCUIT**
- PDP POWER VOLTAGE adjustment

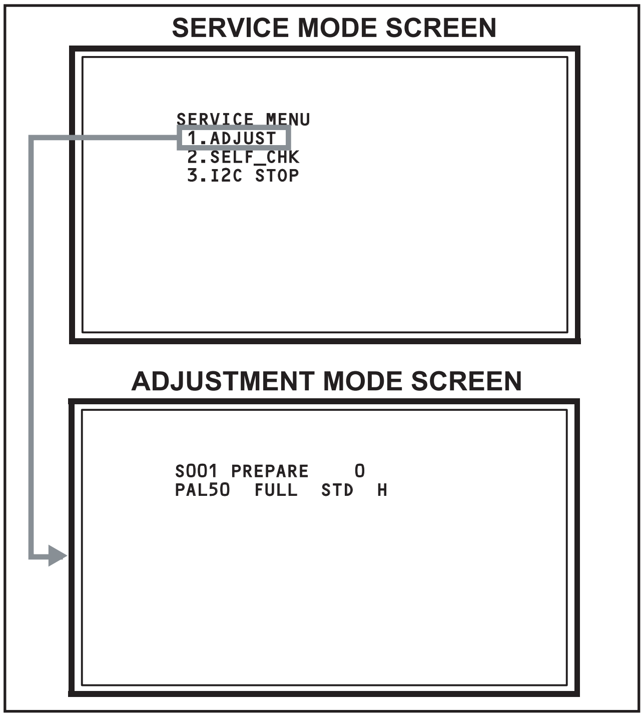
■ **VIDEO CIRCUIT**
- 625i A-D OFFSET adjustment
- 1125i(50Hz) BRIGHTNESS adjustment
- 1125i(50Hz) A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGH LIGHT) adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Press [DISPLAY] key and [MUTING] key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.
(2) In the SERVICE MENU, press the [1] key to display ADJUSTMENT MODE SCREEN.

NOTE:
- Before entering the SERVICE MODE, confirm that the setting of PIP/TV/DVD switch is at the "TV" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the [1] to [3] key is pressed in the SERVICE MODE SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the [MENU] key to return to the SERVICE MODE SCREEN.


SERVICE MODE SCREEN

```
SERVICE MENU
 1.ADJUST
 2.SELF_CHK
 3.I2C STOP
```

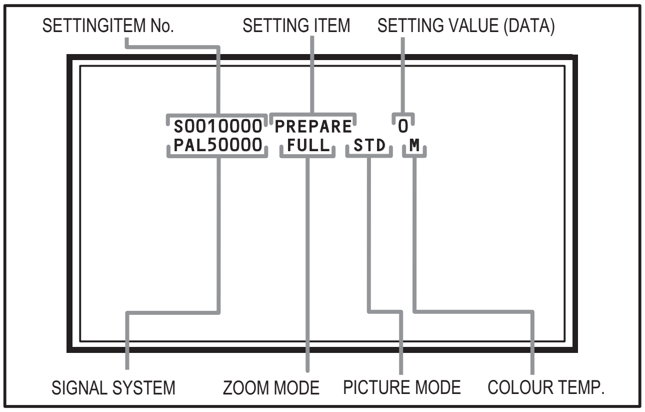
ADJUSTMENT MODE SCREEN

```
S001 PREPARE    0
PAL50  FULL  STD  H
```

4.5.2 HOW TO EXIT THE SERVICE MODE

Press the [MENU] key to exit the Service mode.

4.5.3 DESCRIPTION OF STATUS DISPLAY


SETTINGITEM No.
SETTING ITEM
SETTING VALUE (DATA)
S0010000 PREPARE 0
PAL50000 FULL STD M
SIGNAL SYSTEM
ZOOM MODE
PICTURE MODE
COLOUR TEMP.

(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

PAL50 : PAL50Hz (Composite / S-video)
PAL60 : PAL60Hz (Composite / S-video)
SECAM : SECAM
NTSC3 : NTSC3.58
NTSC4 : NTSC4.43
525I : 525i (Component)
525P : 525p
625I : 625i (Component)
625P : 625p
1125I5 : 1125i 50Hz
1125I6 : 1125i 60Hz
PCVGA : PC (VGA)
PCXGA : PC (XGA)
H525I : HDMI 525i
H525P : HDMI 525p
H625I : HDMI 625i
H625P : HDMI 625p
H750P : HDMI 750p
H125I5 : HDMI 1125i 50Hz
H125I6 : HDMI 1125i 60Hz

(2) ZOOM MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

FULL : FULL
PANO : PANORAMIC
1609 : 16:9 ZOOM
1609S : 16:9 ZOOM SUBTITLE
1409 : 14:9 ZOOM
REGU : REGULAR

MULTI SCREEN

M2 : 2-pictures multi
M12 : 12-pictures multi

(3) PICTURE MODE

STD : STANDARD
BRI : BRIGHT
SOFT : SOFT

(4) WHITE BALANCE

L : WARM
H : MID, COOL

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S039	Video system setting
T001 - T010	Audio system setting
P001 - P010	Panel control system setting
D001 - D187	Drive system setting
Z001 - Z010	Main CPU system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "INITIAL SETTING VALUES IN THE SERVICE MODE".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.4 CHANGE AND MEMORY OF SETTING VALUE

SELECTION OF SETTING ITEM

- [FUNCTION ▲/▼] key.
  For scrolling up / down the setting items.

S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

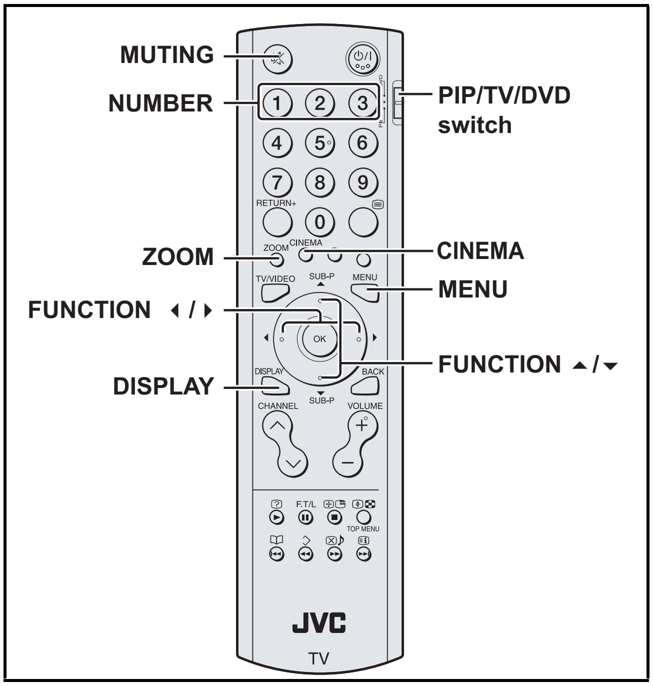
CHANGE OF SETTING VALUE (DATA)

- [FUNCTION ◀ / ▶] key.
  For scrolling up / down the setting values.

MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing [MUTING] key.

4.5.5 SERVICE MODE SELECT KEY LOCATION


MUTING
NUMBER
ZOOM
FUNCTION ◀ / ▶
DISPLAY
PIP/TV/DVD switch
CINEMA
MENU
FUNCTION ▲/▼
RETURN+
ZOOM
CINEMA
TV/VIDEO
SUB-P
MENU
OK
DISPLAY
BACK
CHANNEL
SUB-P
VOLUME
F.T/L
TOP MENU
JVC
TV

4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
S001	PREPARE	0 - 31	0	0	0
S002	NTSC BL	0 - 15	0	0	0
S003	NTSC CNT	0 - 255	39	39	39
S004	NT CR OF	0 - 15	7	7	7
S005	NT CB OF	0 - 15	7	7	7
S006	525i BL	0 - 15	0	0	0
S007	525i CNT	0 - 255	39	39	39
S008	5i CB OF	0 - 15	0	0	0
S009	5i CR OF	0 - 15	0	0	0
S010	5i CR GN	0 - 15	7	7	7
S011	5i CB GN	0 - 15	7	7	7
S012	HD BL	0 - 63	54	54	54
S013	HD CB OF	0 - 63	52	52	52
S014	HD CR OF	0 - 63	55	55	55
S015	RT CONT	0 - 15	7	7	7
S016	RT CB OF	0 - 15	2	2	2
S017	RT CR OF	0 - 15	5	5	5
S018	RT CL GA	0 - 15	4	4	4
S019	PC CL MB	0 - 7	0	0	0
S020	PC CL LB	0 - 31	0	0	0
S021	PC CL MR	0 - 71	0	0	0
S022	PC CL LR	0 - 31	0	0	0
S023	(Not display)	0 - 255	0	0	0
S024	(Not display)	0 - 255	0	0	0
S025	(Not display)	0 - 255	0	0	0
S026	(Not display)	0 - 255	0	0	0
S027	(Not display)	0 - 255	0	0	0
S028	(Not display)	0 - 255	0	0	0
S029	(Not display)	0 - 255	0	0	0
S030	R DRIVE	0 - 255	104	104	104
S031	G DRIVE	0 - 255	133	133	133
S032	B DRIVE	0 - 255	130	130	130
S033	(Not display)	0 - 255	0	0	0
S034	(Not display)	0 - 255	0	0	0
S035	(Not display)	0 - 255	0	0	0
S036	(Not display)	0 - 255	0	0	0
S037	(Not display)	0 - 255	0	0	0
S038	(Not display)	0 - 255	0	0	0
S039	ILA COM	0 - 1	0	0	0

4.6.2 AUDIO SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
T001	IN LEVEL	0 - 255	0	0	0
T002	LOW SEP	0 - 255	0	0	0
T003	HIGH SEP	0 - 255	0	0	0
T004	AFC	0 - 255	0	0	0
T005	(Not display)	0 - 255	0	0	0
T006	ATT V ON	0 - 1	0	0	0
T007	ATT U ON	0 - 1	0	0	0
T008	ATT C ON	0 - 1	0	0	0
T009	(Not display)	0 - 255	0	0	0
T010	(Not display)	0 - 255	0	0	0

4.6.3 PANEL CONTOROL SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
P001	TM HOR H	00 - FF	00	00	00
P002	TM HOR L	00 - FF	A6	A6	A6
P003	TM MIN	00 - FF	33	33	33
P004	TEMP0	0 - 255	39	39	39
P005	(Not display)	0 - 255	0	0	0
P006	(Not display)	0 - 255	0	0	0
P007	(Not display)	0 - 255	0	0	0
P008	(Not display)	0 - 255	0	0	0
P009	(Not display)	0 - 255	0	0	0
P010	(Not display)	0 - 255	0	0	0

4.6.4 DRIVE SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
D001	SLV GN	00 - 3F	20	20	20
D002	SLVH GN	00 - 3F	20	20	20
D003	SLH GN	00 - 3F	20	20	20
D004	SLV Pf	00 - 03	01	01	01
D005	SLH Pf H	00 - 01	01	01	01
D006	SLH Pf L	00 - 03	01	01	01
D007	SL EGCON	00 - 3F	07	07	07
D008	SL EGONF	00 - 01	01	01	01
D009	SL CRGON	00 - 3F	04	04	04
D010	SL CRGON	00 - 01	01	01	01
D011	SL ON OF	00 - 01	01	01	01
D012	SV GN	00 - 3F	17	17	17
D013	SVH GN	00 - 3F	15	15	15
D014	SH GN	00 - 3F	26	26	26
D015	SV Pf	00 - 03	01	01	01
D016	SV PfH	00 - 01	01	01	01

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
D017	SV PfL	00 - 03	01	01	01
D018	SYL CON	00 - 3F	25	25	25
D019	SYL CONF	00 - 01	01	01	01
D020	SYH CON	00 - 3F	22	22	22
D021	SYH CONF	00 - 01	01	01	01
D022	SC CON	00 - 3F	33	33	33
D023	SC CNONF	00 - 01	01	01	01
D024	SPM BLC	00 - 3F	08	08	08
D025	SPM BLCO	00 - 01	01	01	01
D026	SLIM	00 - 3F	30	30	30
D027	SLIMONF	00 - 01	01	01	01
D028	SCRG	00 - 3F	03	03	03
D029	SRGONF	00 - 01	01	01	01
D030	S ONF	00 - 01	01	01	01
D031	pb GN	00 - 3F	1F	1F	1F
D032	pb PfH	00 - 01	00	00	00
D033	pb PfL	00 - 03	03	03	03
D034	pb CRG	00 - 3F	03	03	03
D035	pb CRGON	00 - 01	01	01	01
D036	pb ONF	00 - 01	01	01	01
D037	pr GN	00 - 3F	1F	1F	1F
D038	pr PfH	00 - 01	00	00	00
D039	pr PfL	00 - 03	03	03	03
D040	pr CRG	00 - 3F	03	03	03
D041	pr CRGON	00 - 01	01	01	01
D042	pr ONF	00 - 01	01	01	01
D043	ENH ONF	00 - 01	01	01	01
D044	(Not display)	00 - FF	00	00	00
D045	(Not display)	00 - FF	00	00	00
D046	(Not display)	00 - FF	00	00	00
D047	(Not display)	00 - FF	00	00	00
D048	(Not display)	00 - FF	00	00	00
D049	(Not display)	00 - FF	00	00	00
D050	(Not display)	00 - FF	00	00	00
D051	(Not display)	00 - FF	00	00	00
D052	(Not display)	00 - FF	00	00	00
D053	(Not display)	00 - FF	00	00	00
D054	(Not display)	00 - FF	00	00	00
D055	(Not display)	00 - FF	00	00	00
D056	(Not display)	00 - FF	00	00	00
D057	(Not display)	00 - FF	00	00	00
D058	(Not display)	00 - FF	00	00	00
D059	(Not display)	00 - FF	00	00	00
D060	(Not display)	00 - FF	00	00	00
D061	(Not display)	00 - FF	00	00	00
D062	(Not display)	00 - FF	00	00	00
D063	(Not display)	00 - FF	00	00	00
D064	(Not display)	00 - FF	00	00	00
D065	(Not display)	00 - FF	00	00	00

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
D066	(Not display)	00 - FF	00	00	00
D067	(Not display)	00 - FF	00	00	00
D068	(Not display)	00 - FF	00	00	00
D069	(Not display)	00 - FF	00	00	00
D070	(Not display)	00 - FF	00	00	00
D071	(Not display)	00 - FF	00	00	00
D072	(Not display)	00 - FF	00	00	00
D073	(Not display)	00 - FF	00	00	00
D074	(Not display)	00 - FF	00	00	00
D075	(Not display)	00 - FF	00	00	00
D076	(Not display)	00 - FF	00	00	00
D077	(Not display)	00 - FF	00	00	00
D078	(Not display)	00 - FF	00	00	00
D079	(Not display)	00 - FF	00	00	00
D080	(Not display)	00 - FF	00	00	00
D081	(Not display)	00 - FF	00	00	00
D082	(Not display)	00 - FF	00	00	00
D083	(Not display)	00 - FF	00	00	00
D084	(Not display)	00 - FF	00	00	00
D085	(Not display)	00 - FF	00	00	00
D086	(Not display)	00 - FF	00	00	00
D087	(Not display)	00 - FF	00	00	00
D088	(Not display)	00 - FF	00	00	00
D089	(Not display)	00 - FF	00	00	00
D090	(Not display)	00 - FF	00	00	00
D091	(Not display)	00 - FF	00	00	00
D092	(Not display)	00 - FF	00	00	00
D093	(Not display)	00 - FF	00	00	00
D094	(Not display)	00 - FF	00	00	00
D095	(Not display)	00 - FF	00	00	00
D096	(Not display)	00 - FF	00	00	00
D097	(Not display)	00 - FF	00	00	00
D098	(Not display)	00 - FF	00	00	00
D099	(Not display)	00 - FF	00	00	00
D100	(Not display)	00 - FF	00	00	00
D101	(Not display)	00 - FF	00	00	00
D102	(Not display)	00 - FF	00	00	00
D103	(Not display)	00 - FF	00	00	00
D104	(Not display)	00 - FF	00	00	00
D105	(Not display)	00 - FF	00	00	00
D106	(Not display)	00 - FF	00	00	00
D107	(Not display)	00 - FF	00	00	00
D108	(Not display)	00 - FF	00	00	00
D109	(Not display)	00 - FF	00	00	00
D110	(Not display)	00 - FF	00	00	00
D111	(Not display)	00 - FF	00	00	00
D112	(Not display)	00 - FF	00	00	00
D113	(Not display)	00 - FF	00	00	00
D114	(Not display)	00 - FF	00	00	00

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
D115	(Not display)	00 - FF	00	00	00
D116	(Not display)	00 - FF	00	00	00
D117	(Not display)	00 - FF	00	00	00
D118	(Not display)	00 - FF	00	00	00
D119	(Not display)	00 - FF	00	00	00
D120	(Not display)	00 - FF	00	00	00
D121	(Not display)	00 - FF	00	00	00
D122	(Not display)	00 - FF	00	00	00
D123	(Not display)	00 - FF	00	00	00
D124	(Not display)	00 - FF	00	00	00
D125	(Not display)	00 - FF	00	00	00
D126	(Not display)	00 - FF	00	00	00
D127	(Not display)	00 - FF	00	00	00
D128	(Not display)	00 - FF	00	00	00
D129	(Not display)	00 - FF	00	00	00
D130	(Not display)	00 - FF	00	00	00
D131	(Not display)	00 - FF	00	00	00
D132	(Not display)	00 - FF	00	00	00
D133	(Not display)	00 - FF	00	00	00
D134	(Not display)	00 - FF	00	00	00
D135	(Not display)	00 - FF	00	00	00
D136	(Not display)	00 - FF	00	00	00
D137	(Not display)	00 - FF	00	00	00
D138	(Not display)	00 - FF	00	00	00
D139	(Not display)	00 - FF	00	00	00
D140	(Not display)	00 - FF	00	00	00
D141	(Not display)	00 - FF	00	00	00
D142	(Not display)	00 - FF	00	00	00
D143	(Not display)	00 - FF	00	00	00
D144	(Not display)	00 - FF	00	00	00
D145	(Not display)	00 - FF	00	00	00
D146	(Not display)	00 - FF	00	00	00
D147	(Not display)	00 - FF	00	00	00
D148	(Not display)	00 - FF	00	00	00
D149	(Not display)	00 - FF	00	00	00
D150	(Not display)	00 - FF	00	00	00
D151	(Not display)	00 - FF	00	00	00
D152	(Not display)	00 - FF	00	00	00
D153	(Not display)	00 - FF	00	00	00
D154	(Not display)	00 - FF	00	00	00
D155	(Not display)	00 - FF	00	00	00
D156	(Not display)	00 - FF	00	00	00
D157	(Not display)	00 - FF	00	00	00
D158	(Not display)	00 - FF	00	00	00
D159	(Not display)	00 - FF	00	00	00
D160	(Not display)	00 - FF	00	00	00
D161	(Not display)	00 - FF	00	00	00
D162	(Not display)	00 - FF	00	00	00
D163	(Not display)	00 - FF	00	00	00
D164	(Not display)	00 - FF	00	00	00
D165	(Not display)	00 - FF	00	00	00
D166	(Not display)	00 - FF	00	00	00
D167	(Not display)	00 - FF	00	00	00
D168	(Not display)	00 - FF	00	00	00
D169	(Not display)	00 - FF	00	00	00
D170	(Not display)	00 - FF	00	00	00
D171	(Not display)	00 - FF	00	00	00
D172	(Not display)	00 - FF	00	00	00
D173	(Not display)	00 - FF	00	00	00
D174	(Not display)	00 - FF	00	00	00
D175	(Not display)	00 - FF	00	00	00
D176	(Not display)	00 - FF	00	00	00
D177	(Not display)	00 - FF	00	00	00
D178	(Not display)	00 - FF	00	00	00
D179	(Not display)	00 - FF	00	00	00
D180	(Not display)	00 - FF	00	00	00
D181	(Not display)	00 - FF	00	00	00
D182	(Not display)	00 - FF	00	00	00
D183	(Not display)	00 - FF	00	00	00
D184	(Not display)	00 - FF	00	00	00
D185	(Not display)	00 - FF	00	00	00
D186	(Not display)	00 - FF	00	00	00
D187	(Not display)	00 - FF	00	00	00

4.6.5 MAIN CPU SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
Z001	(Not display)	00 - FF	00	00	00
Z002	(Not display)	00 - FF	00	00	00
Z003	(Not display)	00 - FF	00	00	00
Z004	(Not display)	00 - FF	00	00	00
Z005	(Not display)	00 - FF	00	00	00
Z006	(Not display)	00 - FF	00	00	00
Z007	(Not display)	00 - FF	00	00	00
Z008	(Not display)	00 - FF	00	00	00
Z009	(Not display)	00 - FF	00	00	00
Z010	(Not display)	00 - FF	00	00	00

4.7 ADJUSTMENT PROCEDURE

4.7.1 POWER CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
PDP POWER VOLTAGE	Signal generator DC voltmeter	CN806 1-pin: Vs 9-pin: Va(Vd) [MAIN POWER UNIT]	Vs VR:190V ADJ (VR551) Va VR:70V ADJ (VR351) [MAIN POWER UNIT]	**CAUTION:** • During adjustment operation of PDP POWER VOLTAGE, don't touch the heat sink of the MAIN POWER UNIT. If you touch it, electric shock may be caused. **< When MAIN POWER UNIT is not replaced >** (1) Connect the DC voltmeter to the CN806 connector and turn on the power. (See Fig.1) (2) Adjust Vs (190V ADJ) VR and Va (70V ADJ) VR so that the Vs and Va voltage coincides with the values in the voltage label. (3) Input a PAL all-black signal and check that it coincides with the values in the voltage label. (4) Readjust if the adjusted value is different from those in the voltage label. **NOTE:** • Designed value for the panel is printed on a label on the upper-left at the back of the PDP. (See Fig.2) **< When MAIN POWER UNIT is replaced >** **CAUTION:** • Before making adjustments, be sure not to turn on the power when the CN805 and CN806 connectors are connected, as this may cause the PDP to break down. (1) Disconnect the CN805 and CN806 connectors on the MAIN POWER UNIT. (2) Connect DC voltmeter to the CN806 connector and turn on the power. (See Fig.1) (3) Adjust Vs (190V ADJ) VR and Va (70V ADJ) VR so that the Vs and Va voltage coincides with the values in the voltage label. (4) Turn off the power, and connect the CN805 and CN806 connectors and turn on the power again. (5) Input a PAL all-black signal and check that it coincides with the values in the voltage label. (6) If the adjusted value is different from those in the voltage label, fine-tune without unplugging the connectors. **CAUTION:** • Designated power supply voltage of the panel (Vs, Va) varies according to the PDP unit. • Pay careful attention during adjustment, as any error in procedure may cause the PDP to break down.

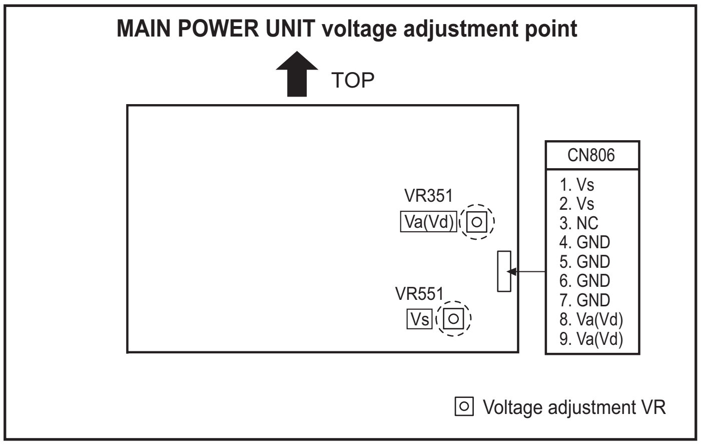

MAIN POWER UNIT voltage adjustment point
TOP
VR351
Va(Vd)
VR551
Vs
CN806
1. Vs
2. Vs
3. NC
4. GND
5. GND
6. GND
7. GND
8. Va(Vd)
9. Va(Vd)
Voltage adjustment VR

Fig.1

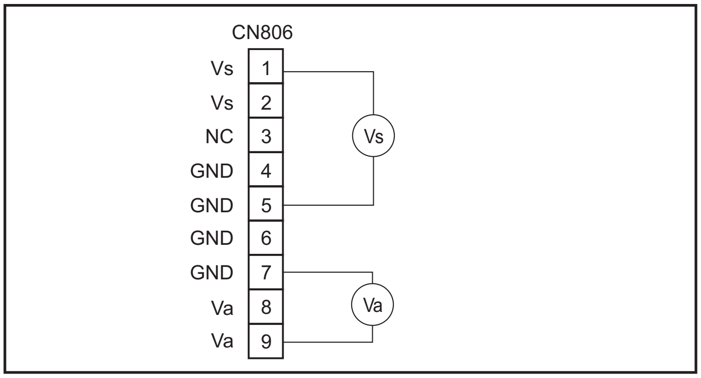

CN806
Vs 1
Vs 2
NC 3
GND 4
GND 5
GND 6
GND 7
Va 8
Va 9
Vs
Va

Fig.2

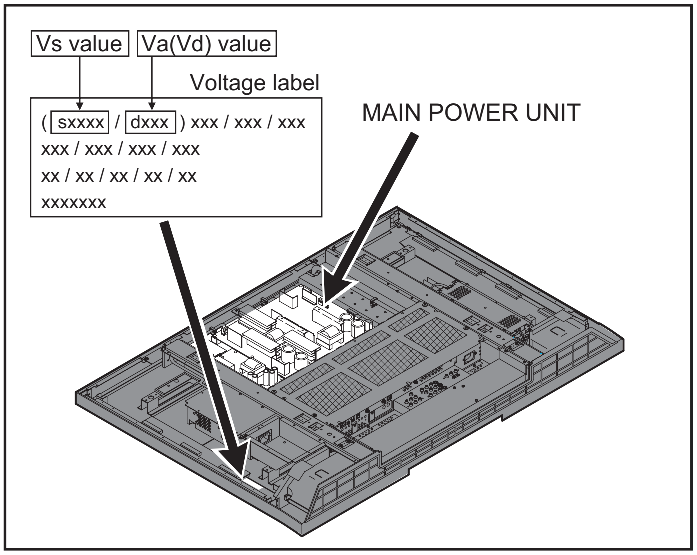
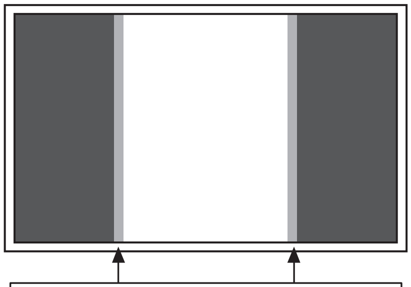
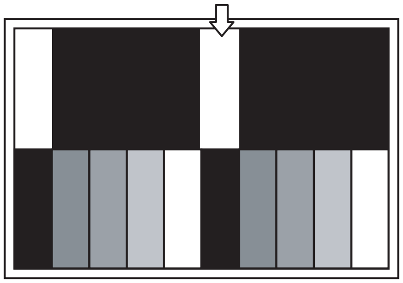
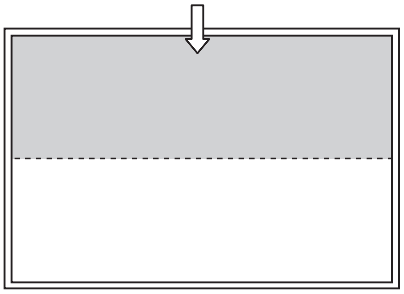
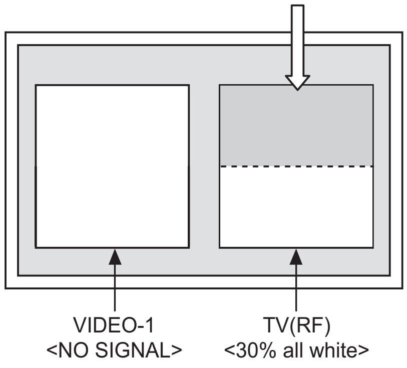

Vs value
Va(Vd) value
Voltage label
(sxxxx / dxxx) xxx / xxx / xxx
xxx / xxx / xxx / xxx
xx / xx / xx / xx / xx
xxxxxxx
MAIN POWER UNIT

Fig.3

4.7.2 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
625i **A-D OFFSET**  Disappears the color at both ends.	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S008: 5i CB OF(625i cb offset) S009: 5i CR OF(625i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 625i component ramp pattern signal. (2) Set "PICTURE MODE" to STANDARD. (3) Set "ZOOM" to FULL. (4) Set "WHITE BALANCE" to MID. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 >(adjustment setting mode change) to set "8" and it change to the 625i A-D offset adjustment setting mode. (8) Adjust < S008 > (625i Cb offset) and < S009 > (625i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the centre of the screen. (9) Set < S001 > to set "0" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.
1125i (50Hz) **BRIGHTNESS** Set the 0% black part to be brightest. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S012: HD BL(1125i brightness) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i (50Hz) gray scale pattern signal. (2) Set "PICTURE MODE" to STANDARD. (3) Set "ZOOM" to FULL. (4) Set "WHITE BALANCE" to MID. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set the values "12" and it change to the 1125i black level adjustment setting mode. (8) Adjust < S012 > (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (9) Set < S001 > to set "0" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.
1125i (50Hz) **A-D OFFSET** Minimize the red and blue noises in the upper half of the screen. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S013: HD CB OF(1125i cb offset) S014: HD CR OF(1125i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i (50Hz) 30% all white pattern signal. (2) Set "PICTURE MODE" to STANDARD. (3) Set "ZOOM" to FULL. (4) Set "WHITE BALANCE" to MID. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set "13" and it change to the 1125i A-D offset adjustment setting mode. (8) Adjust < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Adjust < S014 > (1125i Cr offset) to minimize the red noise in the upper half of the screen. (10) Set < S001 > to set "0" and it change to the normal mode. (11) Press the [MUTING] key to memoirze the set value.

Item	Measuring instrument	Test point	Adjustment part	Description
SUB SCREEN A-D OFFSET Set the 0% block part to be brightest. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S016: RT CB OF (Sub screen cb offset) S017: RT CR OF (Sub screen cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Set "PICTURE MODE" to STANDARD. (2) Set "ZOOM" to FULL. (3) Set "WHITE BALANCE" to MID. (4) Set "MULTI SCREEN" to 2 pictures. (5) Receive a PAL 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal). (6) Select "1.ADJUST" from the SERVICE MODE. (7) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (8) Set < S001 > (adjustment setting mode change) to set "17" and it change to the sub screen A-D offset adjustment setting mode. (9) Adjust < S016 > (Sub screen cb offset) to minimize the blue noise in the upper half of the screen. **If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode.** (10) Set < S017 > (Sub screen cr offset) to minimize the red noise in the upper half of the screen. (11) Readjust < S016 > and < S017 > to set the upper half of the screen to be the blackest. (See Fig.9) (12) Set < S001 > to set "0" and it change to the normal mode. (13) Press the [MUTING] key to memoirze the set value.
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)	(1) Receive a PAL 75% all white signal. (2) Set "PICTURE MODE" to STANDARD. (3) Set "ZOOM" to FULL. (4) Set "WHITE BALANCE" to MID. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Adjust to keep one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout. **NOTE:** Set one or more of < S030 >, < S031 >, and < S032 > to "85". (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the [MUTING] key to memoirze the set value.

SECTION 5
TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I^2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the SERVICE MODE, confirm that the setting of PIP/TV/ DVD switch is at the "TV" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.

(1) Press [DISPLAY] key and [MUTING] key simultaneously, then enter the SERVICE MODE.
(2) Press the [2] key SELF CHECK MODE.
(3) Press the [ZOOM] key to enter Page 2 of the SELF CHECK MODE.
*Use the [CINEMA] key to toggle between Page 1 and Page 2.

NOTE:

When a number key other than the [1] to [3] key is pressed in the SERVICE MODE screen, the other relevant screen may be displayed.
This is not used in the adjustment procedure. Press the [MENU] key to return to the MAIN MENU SCREEN.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

To Save Failure History:
Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

To Clear (Reset) Failure History:
Turn off the power by pressing the [POWER] key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

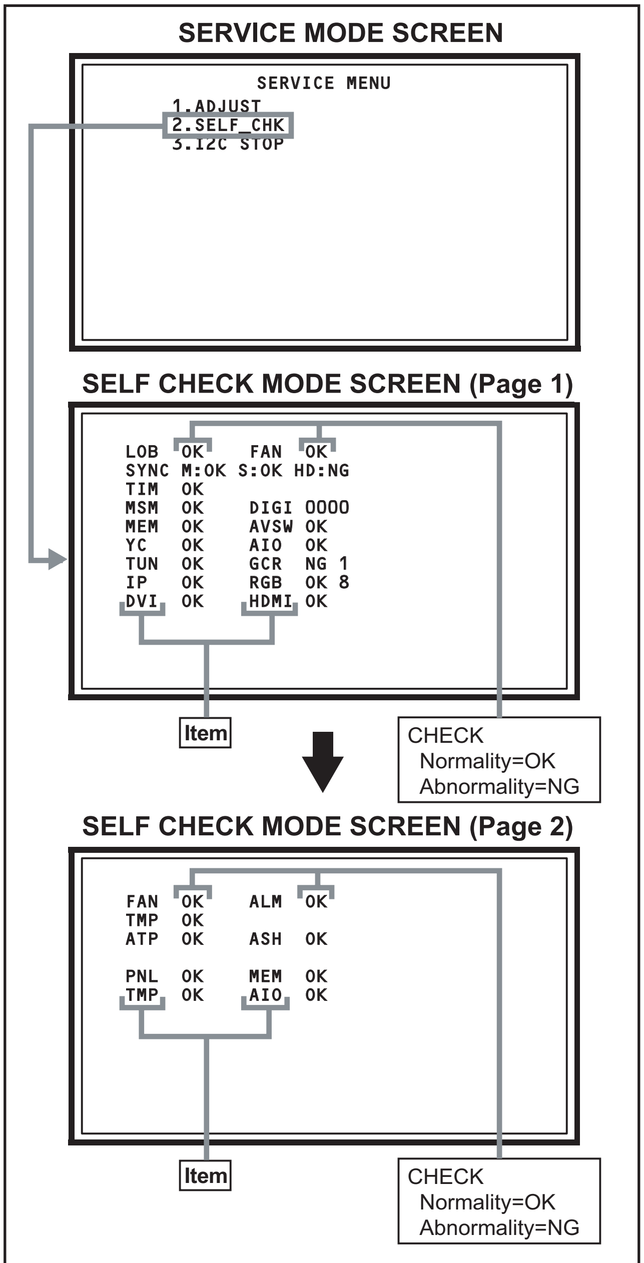
Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for I^2C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.



```
SERVICE MENU
1.ADJUST
2.SELF_CHK
3.I2C STOP
```

```
LOB  OK    FAN  OK
SYNC M:OK S:OK HD:NG
TIM  OK
MSM  OK    DIGI 0000
MEM  OK    AVSW OK
YC   OK    AIO  OK
TUN  OK    GCR  NG 1
IP   OK    RGB  OK 8
DVI  OK    HDMI OK
```

```
FAN  OK    ALM  OK
TMP  OK
ATP  OK    ASH  OK

PNL  OK    MEM  OK
TMP  OK    AIO  OK
```

* As "SYNC" is not counted, the number of failures not displayed.

Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirmation of operation of the low bais (2.5V / 3.3V / 5V / 9V) protection circuit. **Q9822 [REGULATOR PWB]**	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Fan lock	FAN	Not used.	---	---
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal **IC201 [ANALOG SIGNAL PWB]**	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.	---	---
Main CPU communication	MSM	Confirmation of ACK (response) signal which uses sync communications with Chassis CPU. **IC7501 [DIGITAL SIGNAL PWB]**	WAKE	If it checks whenever sync communication with Chassis CPUperformed and no reply of ACK signal an error will be counted.
Digital tuner	DIGI	Not used.	---	---
Main memory	MEM	Confirmation of reply of ACK signal which uses I^2C communication. **IC7602 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
AV select switch	AVSW	Same as above. **IC301, IC501 [ANALOG SIGNAL PWB]**	SDA	Same as above.
3 dimensions YC separator	YC	Same as above. **IC1001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
Multi sound process	AIO	Same as above. **IC3501 [RECEIVER PWB]**	SDA	Same as above.
RF tuner	TUN	Confirmation of reply of ACK signal which uses I^2C communication. **TU3001 [RECEIVER PWB]**	SDA	Same as above.
Ghost reduction	GCR	Not used.	---	---
DIST process	IP	Confirmation of reply of ACK signal which uses I^2C communication. **IC3001 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Confirmation of reply of ACK signal which uses I^2C communication. **IC4001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
DVI (Digital communication)	DVI	Not used.	---	---
Digital input	HDMI	Confirmation of reply of ACK signal which uses I^2C communication. **IC8001 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.

< Page 2 of screen >

Detection item	Item name	Detection content	Diagnosis signal (line)	Detection timing
Fan lock	FAN	Not used.	---	Not used.
Abnormal of operation of PDP (PANEL)	ALM	Confirm the operation of the panel protection. **[PDP UNIT]**	SDA	Detection starts 8 seconds after the power is turned on. Detection is performed every 16ms. If errors continues between 300ms, the power is turned off.
Abnormal rise of temperature in PDP (PANEL)	TMP	It detects whether the temperature in a display unit is normal. **IC8101 [TEMP. SENSOR PWB]**	SDA	Detection starts 8 seconds after the power is turned on. Detection is performed every 0.5 seconds. If a temperature rises beyond the temperature of 71°C for detection of error over the predetermined 120 times, the power is turned off.
Abnormal rise of temperature in AUDIO PWB	ATP	Not used.	---	---
Short circuit detection of AUDIO PWB	ASH	Not used.	---	---
Panel communication	PNL	It confirm whether panel communication is normal. **[PDP UNIT]**	SDA	If it checks whenever I^2C communication is performed, and no reply of ACK signal, an error will be counted.
Panel memory	MEM	Confirmation of reply of ACK signal which uses I^2C communication. **IC805 [INTERFACE PWB]**	SDA	If it checks whenever I^2C communication is performed, and no reply of ACK signal, an error will be counted.
Temp. sensor operation	TMP	Same as above. **IC8101 [TEMP. SENSOR PWB]**	SDA	Same as above.
Audio control	AIO	Same as above. **IC6521 [AUDIO PWB]**	SDA	Same as above.

5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

Type of error	Item name	POWER LED flash cycle
Low bias line short protection	LOB	Low luminance blue Flash 1.0 second / Low luminance blue Out 1.0 seconds
Abnormal of operation of PDP (PANEL)	ALM	High luminance blue Flash 1.0 second / High luminance blue Out 1.0 seconds
Abnormal rise of temperature in PDP (PANEL)	TMP	High luminance blue Flash 2.0 second / High luminance blue Out 2.0 seconds

< Explanation of operation >

If error is detected, the power is turned off.
Shortly after a power is turned off, POWER LED will be blinked.
Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.

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Printed in Japan
VPT

JVC

SCHEMATIC DIAGRMAS

PDP COLOUR TELEVISION

PD-Z42DX4,
PD-Z42DX4/S

CD-ROM No.SML200502

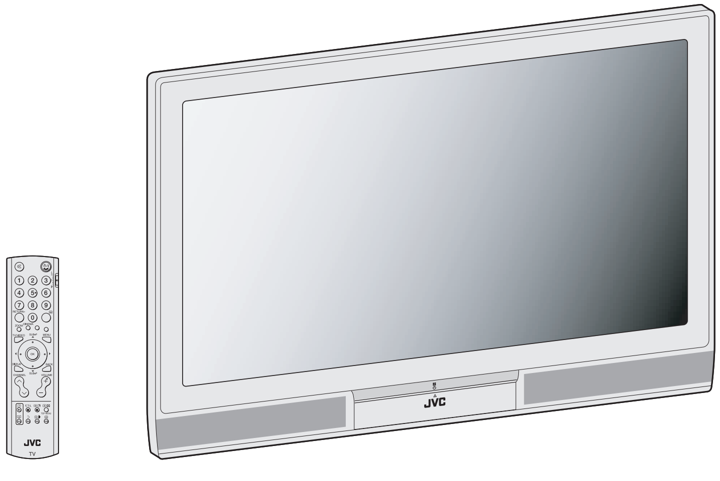
BASIC CHASSIS
FP2

D.I.S.T.
Digital Image Scaling Technology

CINEMA SURROUND

BBE

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



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No.YA228
2005/2

PD-Z42DX4, PD-Z42DX4/S

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal	
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped	
(3)Internal resistance of tester	: DC 20kΩ/V	
(4)Oscilloscope sweeping time	: H	⇒ 20μs / div
	: V	⇒ 5ms / div
	: Othters	⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values	

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- ● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [μF]/withstand voltage[V]

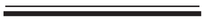
● Type

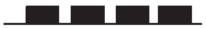
No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

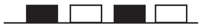
(3)Coils

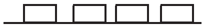
No unit	: [μH]
Others	: As specified

(4)Power Supply


: B1


: B2 (12V)


: 9V


: 5V

∗Respective voltage values are indicated

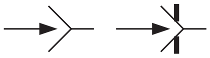
(5)Test point

: Test point

: Only test point display

(6)Connecting method

□ : Connector ○ : Wrapping or soldering


: Receptacle

(7)Ground symbol

⊥ : LIVE side ground
⏊ : ISOLATED(NEUTRAL) side ground
⏚ : EARTH ground
⏚ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏊) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time.
If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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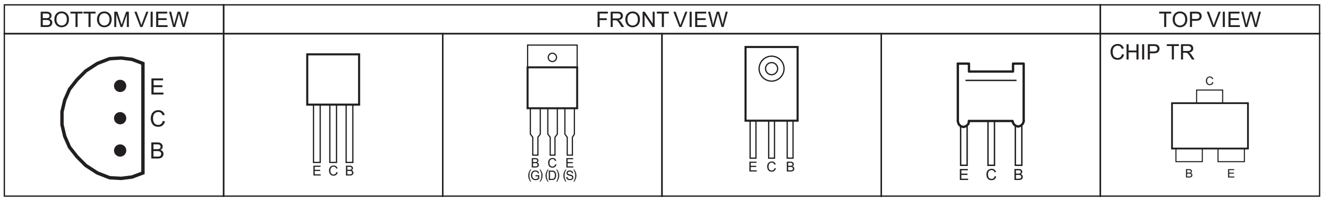
USING P.W. BOARD

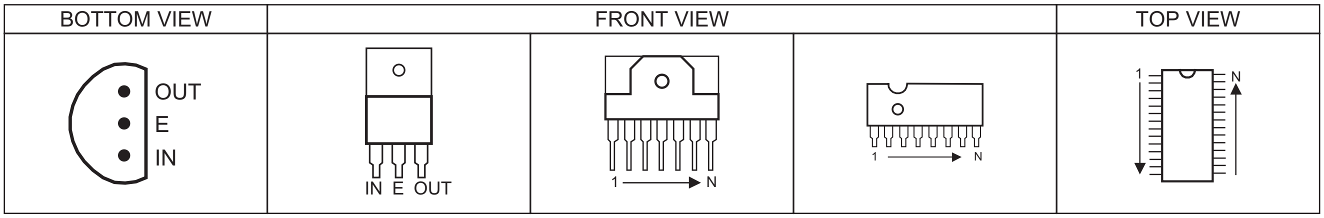
P.W.B ASS'Y name	PD-Z42DX4	PD-Z42DX4/S
RECEIVER PWB	LCA10476-03E (SFP-0F303A)	←
ANALOG SIGNAL PWB	LCA10423-13C (SFP-0A303A)	←
AV JACK PWB	LCA10445-04C (SFP-0J303A)	←
DIGITAL SIGNAL PWB	LCA10428-44H (SFP-0D310A)	LCA10428-45H (SFP-0D311A)
INTERFACE PWB	LCA10424-22D (SFP-7310A)	LCA10424-23D (SFP-7311A)
AUDIO PWB	LCA10420-03C (SFP-6003A)	←
FRONT CONTROL PWB	LCA10446-04A (SFP-8301A)	←
FRONT LED PWB	LCA10446-04A (SFP-8301A)	←
TEMP. SENSOR PWB	LCA10446-04A (SFP-8301A)	←
REGULATOR PWB	LCA10426-09C (SFP-9307A)	LCA10426-10C (SFP-9319A)
LINE FILTER PWB	LCA10427-14A (SFP-9310A)	LCA10427-15A (SFP-9311A)
SUB POWER PWB	LCA10422-10C (SFP-9314A)	LCA10422-11C (SFP-9315A)

SEMICONDUCTOR SHAPES

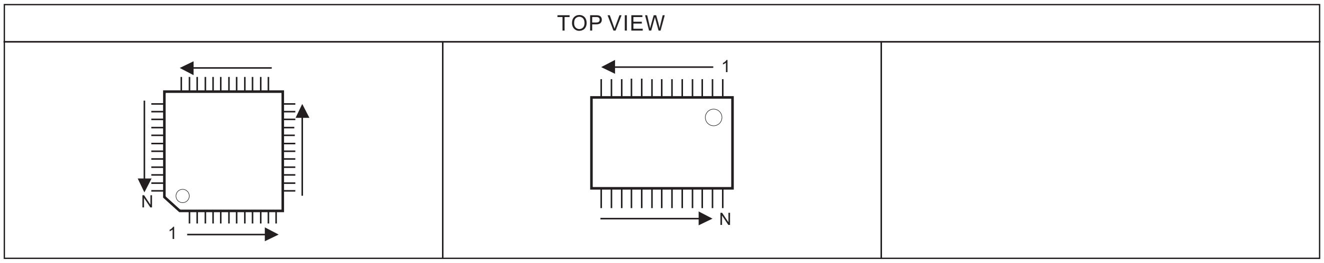
TRANSISTOR


BOTTOM VIEW
FRONT VIEW
TOP VIEW
E
C
B
E C B
B C E
(G) (D) (S)
E C B
E C B
CHIP TR
C
B E

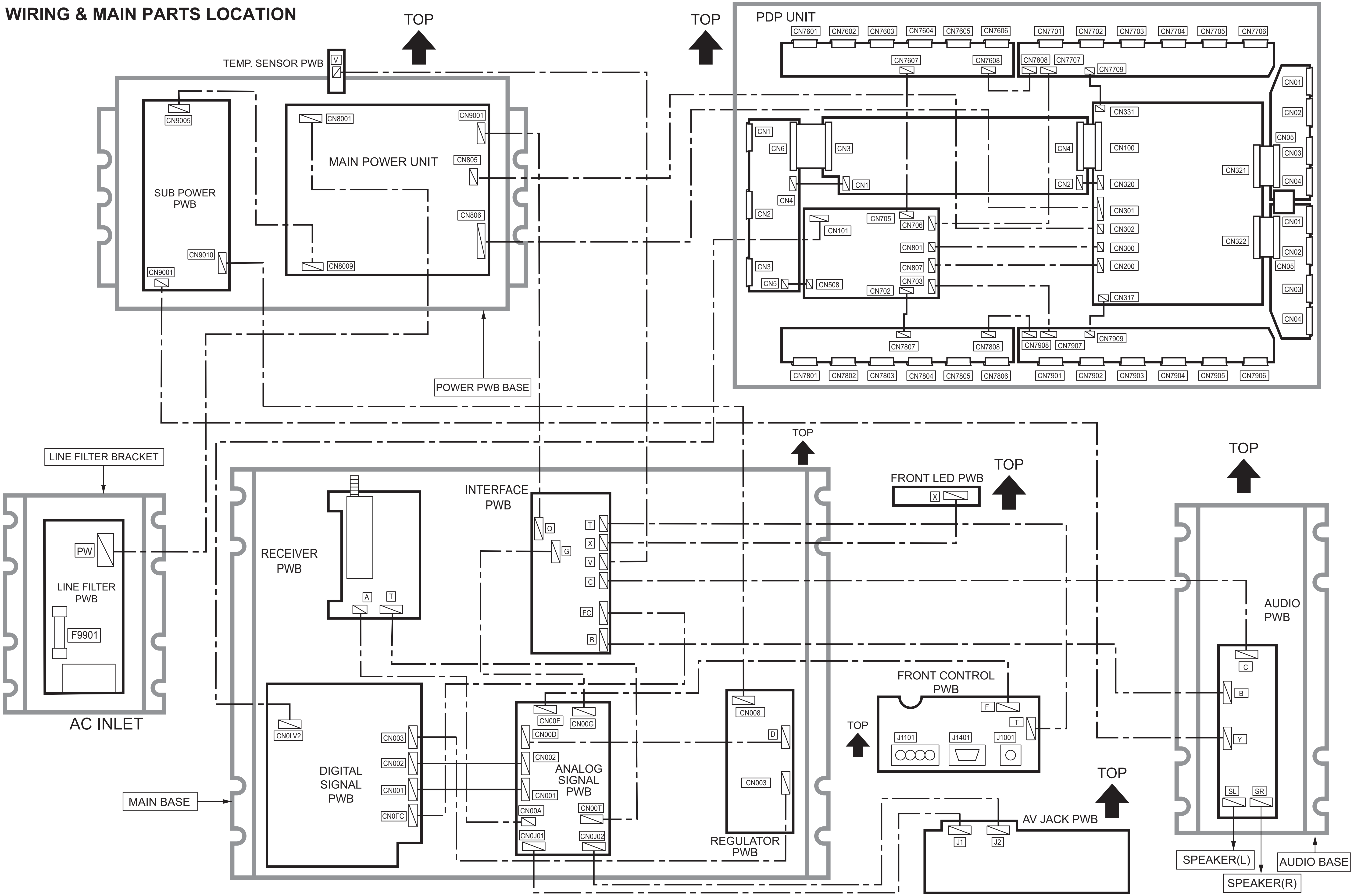
IC


BOTTOM VIEW
FRONT VIEW
TOP VIEW
OUT
E
IN
IN E OUT
1
N
1
N
1
N

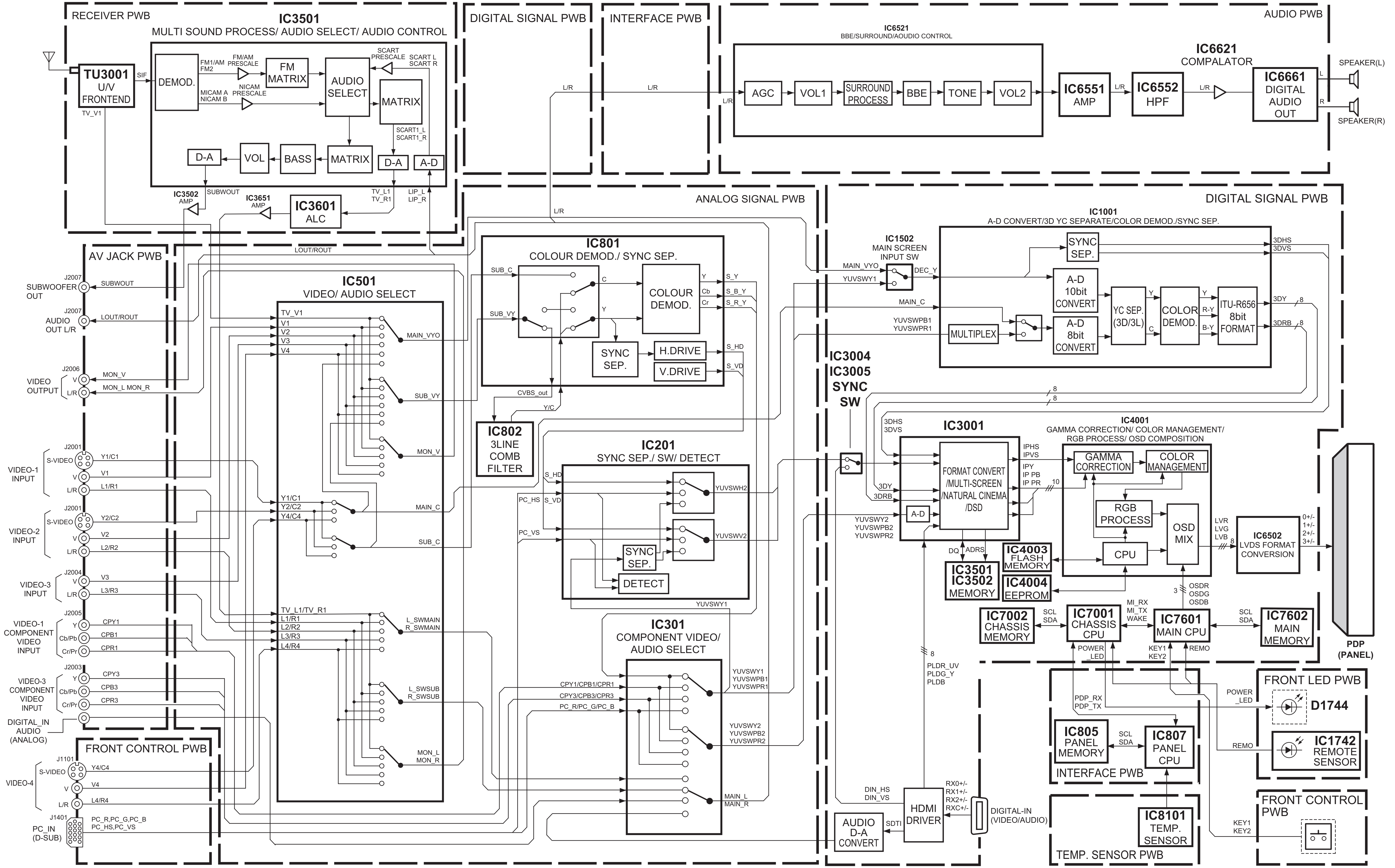
CHIP IC


TOP VIEW
N
1
1
N

WIRING & MAIN PARTS LOCATION

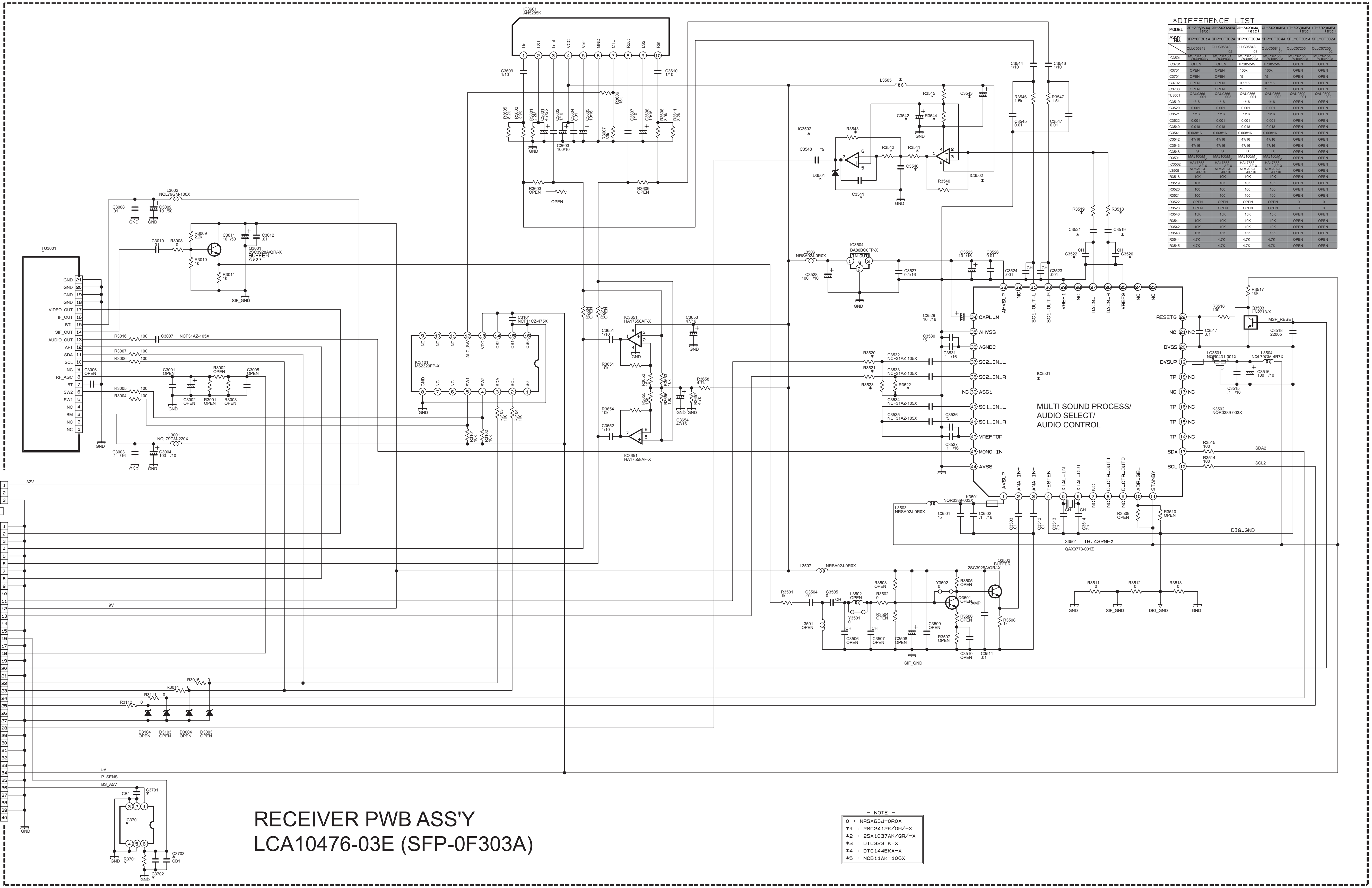

TOP
TEMP. SENSOR PWB
V
SUB POWER PWB
CN9005
CN9010
CN9001
MAIN POWER UNIT
CN8001
CN9001
CN805
CN806
CN8009
POWER PWB BASE
PDP UNIT
CN7601
CN7602
CN7603
CN7604
CN7605
CN7606
CN7607
CN7608
CN7701
CN7702
CN7703
CN7704
CN7705
CN7706
CN7808
CN7707
CN7709
CN1
CN6
CN3
CN4
CN2
CN5
CN101
CN705
CN706
CN801
CN807
CN703
CN702
CN508
CN331
CN100
CN320
CN301
CN302
CN300
CN200
CN317
CN321
CN322
CN01
CN02
CN05
CN03
CN04
CN7807
CN7808
CN7908
CN7907
CN7909
CN7801
CN7802
CN7803
CN7804
CN7805
CN7806
CN7901
CN7902
CN7903
CN7904
CN7905
CN7906
LINE FILTER BRACKET
PW
LINE FILTER PWB
F9901
AC INLET
MAIN BASE
RECEIVER PWB
A
T
INTERFACE PWB
Q
G
X
C
FC
B
DIGITAL SIGNAL PWB
CN0LV2
CN003
CN002
CN001
CN0FC
ANALOG SIGNAL PWB
CN00F
CN00G
CN00D
CN00A
CN00T
CN0J01
CN0J02
REGULATOR PWB
CN008
D
FRONT LED PWB
FRONT CONTROL PWB
F
J1101
J1401
J1001
AV JACK PWB
J1
J2
AUDIO PWB
Y
SL
SR
SPEAKER(L)
SPEAKER(R)
AUDIO BASE

BLOCK DIAGRAM


RECEIVER PWB
IC3501
MULTI SOUND PROCESS/ AUDIO SELECT/ AUDIO CONTROL
TU3001
U/V
FRONTEND
TV_V1
SIF
DEMOD.
FM1/AM
FM2
FM/AM
PRESCALE
FM
MATRIX
MICAM A
NICAM B
NICAM
PRESCALE
AUDIO
SELECT
SCART
PRESCALE
SCART L
SCART R
MATRIX
SCART1_L
SCART1_R
D-A
VOL
BASS
MATRIX
D-A
A-D
IC3502
AMP
SUBWOUT
IC3651
AMP
IC3601
ALC
TV_L1
TV_R1
LIP_L
LIP_R
LOUT/ROUT
DIGITAL SIGNAL PWB
INTERFACE PWB
AUDIO PWB
IC6521
BBE/SURROUND/AOUDIO CONTROL
L/R
AGC
VOL1
SURROUND
PROCESS
BBE
TONE
VOL2
IC6551
AMP
IC6552
HPF
IC6621
COMPALATOR
IC6661
DIGITAL
AUDIO
OUT
L
R
SPEAKER(L)
SPEAKER(R)
AV JACK PWB
J2007
SUBWOOFER
OUT
SUBWOUT
J2007
AUDIO
OUT L/R
LOUT/ROUT
J2006
VIDEO
OUTPUT
V
L/R
MON_V
MON_L MON_R
J2001
S-VIDEO
VIDEO-1
INPUT
V
L/R
Y1/C1
V1
L1/R1
J2001
S-VIDEO
VIDEO-2
INPUT
V
L/R
Y2/C2
V2
L2/R2
J2004
VIDEO-3
INPUT
V
L/R
V3
L3/R3
J2005
VIDEO-1
COMPONENT
VIDEO
INPUT
Y
Cb/Pb
Cr/Pr
CPY1
CPB1
CPR1
J2003
VIDEO-3
COMPONENT
VIDEO
INPUT
Y
Cb/Pb
Cr/Pr
CPY3
CPB3
CPR3
DIGITAL_IN
AUDIO
(ANALOG)
FRONT CONTROL PWB
J1101
S-VIDEO
VIDEO-4
V
L/R
Y4/C4
V4
L4/R4
J1401
PC_IN
(D-SUB)
PC_R,PC_G,PC_B
PC_HS,PC_VS
ANALOG SIGNAL PWB
IC501
VIDEO/ AUDIO SELECT
TV_V1
V1
V2
V3
V4
MAIN_VYO
SUB_VY
MON_V
Y1/C1
Y2/C2
Y4/C4
MAIN_C
SUB_C
TV_L1/TV_R1
L1/R1
L2/R2
L3/R3
L4/R4
L_SWMAIN
R_SWMAIN
L_SWSUB
R_SWSUB
MON_L
MON_R
IC801
COLOUR DEMOD./ SYNC SEP.
SUB_C
SUB_VY
C
Y
COLOUR
DEMOD.
Y
Cb
Cr
S_Y
S_B_Y
S_R_Y
SYNC
SEP.
H.DRIVE
V.DRIVE
S_HD
S_VD
CVBS_out
Y/C
IC802
3LINE
COMB
FILTER
IC201
SYNC SEP./ SW/ DETECT
S_HD
PC_HS
S_VD
PC_VS
YUVSWH2
YUVSWV2
SYNC
SEP.
DETECT
YUVSWY1
IC301
COMPONENT VIDEO/
AUDIO SELECT
CPY1/CPB1/CPR1
CPY3/CPB3/CPR3
PC_R/PC_G/PC_B
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
MAIN_L
MAIN_R
L/R
DIGITAL SIGNAL PWB
IC1001
A-D CONVERT/3D YC SEPARATE/COLOR DEMOD./SYNC SEP.
IC1502
MAIN SCREEN
INPUT SW
MAIN_VYO
YUVSWY1
DEC_Y
MAIN_C
YUVSWPB1
YUVSWPR1
MULTIPLEX
SYNC
SEP.
A-D
10bit
CONVERT
A-D
8bit
CONVERT
YC SEP.
(3D/3L)
Y
C
COLOR
DEMOD.
Y
R-Y
B-Y
ITU-R656
8bit
FORMAT
3DHS
3DVS
3DY
3DRB
8
IC3004
IC3005
SYNC
SW
3DHS
3DVS
IC3001
FORMAT CONVERT
/MULTI-SCREEN
/NATURAL CINEMA
/DSD
3DY
3DRB
A-D
YUVSWY2
YUVSWPB2
YUVSWPR2
IPHS
IPVS
IPY
IP PB
IP PR
10
DQ
ADRS
IC3501
IC3502
MEMORY
IC4003
FLASH
MEMORY
IC4004
EEPROM
IC4001
GAMMA CORRECTION/ COLOR MANAGEMENT/
RGB PROCESS/ OSD COMPOSITION
GAMMA
CORRECTION
COLOR
MANAGEMENT
RGB
PROCESS
OSD
MIX
CPU
LVR
LVG
LVB
IC6502
LVDS FORMAT
CONVERSION
0+/-
1+/-
2+/-
3+/-
OSDR
OSDG
OSDB
3
IC7002
CHASSIS
MEMORY
SCL
SDA
IC7001
CHASSIS
CPU
MI_RX
MI_TX
WAKE
IC7601
MAIN CPU
SCL
SDA
IC7602
MAIN
MEMORY
PDP
(PANEL)
POWER
_LED
KEY1
KEY2
REMO
PLDR_UV
PLDG_Y
PLDB
8
DIN_HS
DIN_VS
HDMI
DRIVER
RX0+/-
RX1+/-
RX2+/-
RXC+/-
DIGITAL-IN
(VIDEO/AUDIO)
AUDIO
D-A
CONVERT
SDTI
PDP_RX
PDP_TX
IC805
PANEL
MEMORY
SCL
SDA
IC807
PANEL
CPU
INTERFACE PWB
IC8101
TEMP.
SENSOR
TEMP. SENSOR PWB
FRONT LED PWB
POWER
_LED
D1744
REMO
IC1742
REMOTE
SENSOR
FRONT CONTROL
PWB
KEY1
KEY2

CIRCUIT DIAGRAMS

RECEIVER PWB CIRCUIT DIAGRAM SHEET 1


IC3601 AN5285K
Lin
LS1
Lout
VCC
Vref
GND
CTL
Rout
LS2
Rin
TU3001
GND
VIDEO_OUT
IF_OUT
BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
SCL
NC
RF_AGC
BT
SW2
SW1
BM
L3002 NQL79GM-100X
L3001 NQL79GM-220X
Q3001 2SC3928A/QR/-X BUFFER
SIF_GND
IC3101 M62320FP-X
ALC_SW
VDD
CS2
CS1
CS0
C3101 NCF11CZ-475X
C3007 NCF31AZ-105X
IC3651 HA17558AF-X
IC3502
D3501
IC3504 BA80BC0FP-X
L3505
L3506 NRSA02J-0R0X
IC3501
CAPL_M
AHVSS
AGNDC
SC2_IN_L
SC2_IN_R
ASG1
SC1_IN_L
SC1_IN_R
VREFTOP
MONO_IN
AVSS
AHVSUP
SC1_OUT_L
SC1_OUT_R
VREF1
DACM_L
DACM_R
VREF2
RESETQ
DVSS
DVSUP
TP
SDA
SCL
AVSUP
ANA_IN+
ANA_IN-
TESTEN
XTAL_IN
XTAL_OUT
D_CTR_OUT1
D_CTR_OUT0
ADR_SEL
STANBY
MULTI SOUND PROCESS/
AUDIO SELECT/
AUDIO CONTROL
Q3503 UN2213-X
MSP_RESET
LC3501 NQR0431-001X
L3504 NQL79GM-4R7X
K3502 NQR0389-003X
K3501 NQR0389-003X
L3503 NRSA02J-0R0X
X3501 18.432MHz QAX0773-001Z
DIG_GND
L3507 NRSA02J-0R0X
Q3502 2SC3928A/QR/-X BUFFER
Q3501 AMP
Y3501
Y3502
SDA2
SCL2
CNF00A QGA2001C2-03V
32V
CNF00T QGF0508F1-40X
TV_V1
TV_L1
TV_R1
AFT1
LIPL
9V
LIPR
BS_A9V
TU_ATT
AGC
MSP_RST
SDA3A
SCL3A
SDA3B
SCL3B
AFT2
SUBWOUT
TV_L2
TV_R2
5V
P_SENS
BS_A5V
D3104 OPEN
D3103 OPEN
D3004 OPEN
D3003 OPEN
IC3701
CB1
R3701
C3701
C3702
C3703

ANALOG SIGNAL
PWB ASS'Y(1/5)
CN00A (SHEET2)

ANALOG SIGNAL
PWB ASS'Y(1/5)
CN00T (SHEET2)

*DIFFERENCE LIST

MODEL	PD-Z35DV4A (etc)	PD-Z42DV4CA	PD-Z42DX4A (etc)	PD-Z42DX4CA	LT-Z26SX4BA (etc)	LT-Z32SX4BA (etc)
ASSY NO.	SFP-0F301A	SFP-0F302A	SFP-0F303A	SFP-0F304A	SFL-0F301A	SFL-0F302A
	OLLC05843	OLLC05843 -02	OLLC05843 -03	OLLC05843 -04	OLLC07205	OLLC07205 -02
IC3501	MSP3415D QGB3GHX	MSP3415D QGB3GHX	MSP3415G QGB8V3M	MSP3415G QGB8V3M	MSP3415G QGB8V3M	MSP3415G QGB8V3M
IC3701	OPEN	OPEN	TPS852-W	TPS852-W	OPEN	OPEN
R3701	OPEN	OPEN	100k	100k	OPEN	OPEN
C3701	OPEN	OPEN	*5	*5	OPEN	OPEN
C3702	OPEN	OPEN	0.1/16	0.1/16	OPEN	OPEN
C3703	OPEN	OPEN	*5	*5	OPEN	OPEN
TU3001	QAU0366 -001	QAU0366 -002	QAU0366 -001	QAU0366 -002	QAU0390 -001	QAU0390 -002
C3519	1/16	1/16	1/16	1/16	OPEN	OPEN
C3520	0.001	0.001	0.001	0.001	OPEN	OPEN
C3521	1/16	1/16	1/16	1/16	OPEN	OPEN
C3522	0.001	0.001	0.001	0.001	OPEN	OPEN
C3540	0.018	0.018	0.018	0.018	OPEN	OPEN
C3541	0.068/16	0.068/16	0.068/16	0.068/16	OPEN	OPEN
C3542	47/16	47/16	47/16	47/16	OPEN	OPEN
C3543	47/16	47/16	47/16	47/16	OPEN	OPEN
C3548	*5	*5	*5	*5	OPEN	OPEN
D3501	MA8100/M /-X	MA8100/M /-X	MA8100/M /-X	MA8100/M /-X	OPEN	OPEN
IC3502	HA17558 AF-X	HA17558 AF-X	HA17558 AF-X	HA17558 AF-X	OPEN	OPEN
L3505	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN
R3518	10K	10K	10K	10K	OPEN	OPEN
R3519	10K	10K	10K	10K	OPEN	OPEN
R3520	100	100	100	100	OPEN	OPEN
R3521	100	100	100	100	OPEN	OPEN
R3522	OPEN	OPEN	OPEN	OPEN	0	0
R3523	OPEN	OPEN	OPEN	OPEN	0	0
R3540	15K	15K	15K	15K	OPEN	OPEN
R3541	10K	10K	10K	10K	OPEN	OPEN
R3542	10K	10K	10K	10K	OPEN	OPEN
R3543	15K	15K	15K	15K	OPEN	OPEN
R3544	4.7K	4.7K	4.7K	4.7K	OPEN	OPEN
R3545	4.7K	4.7K	4.7K	4.7K	OPEN	OPEN

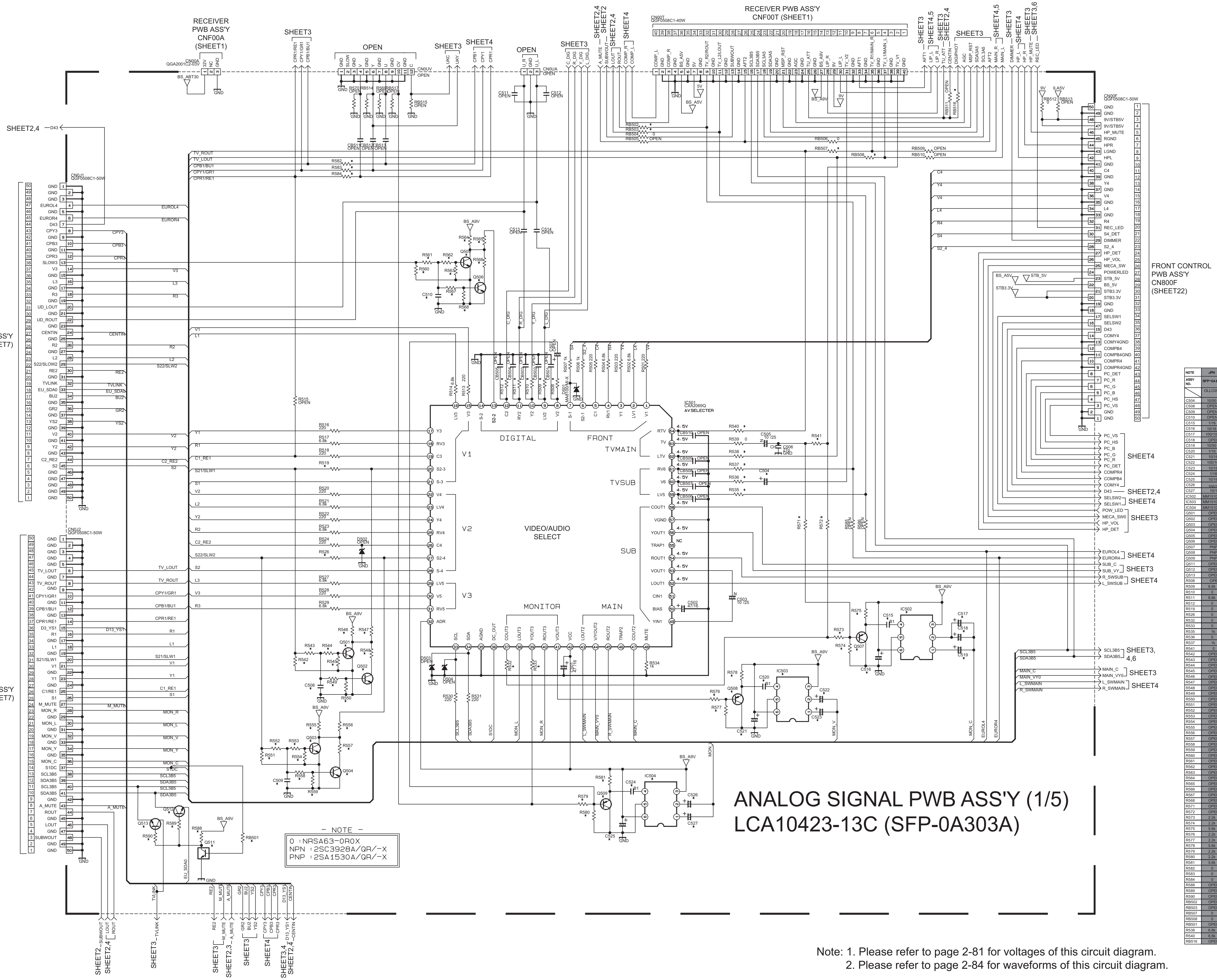
RECEIVER PWB ASS'Y
LCA10476-03E (SFP-0F303A)

- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC2412K/QR/-X
*2 : 2SA1037AK/QR/-X
*3 : DTC323TK-X
*4 : DTC144EKA-X
*5 : NCB11AK-106X

c10279001_1102_1/1_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 2


RECEIVER PWB ASS'Y CNF00A (SHEET1)
RECEIVER PWB ASS'Y CNF00T (SHEET1)
AV JACK PWB ASS'Y CNJ0J1 (SHEET7)
AV JACK PWB ASS'Y CNJ0J2 (SHEET7)
FRONT CONTROL PWB ASS'Y CN800F (SHEET22)
IC501 CXA2069Q AV SELECTER
VIDEO/AUDIO SELECT
DIGITAL
FRONT
TVMAIN
TVSUB
SUB
MONITOR
MAIN
V1
V2
V3
IC502
IC503
IC504
SHEET2,4
SHEET3
SHEET4
SHEET3,4,6
OPEN
BS_A9V
STB_5V
STB3.3V

ANALOG SIGNAL PWB ASS'Y (1/5)
LCA10423-13C (SFP-0A303A)

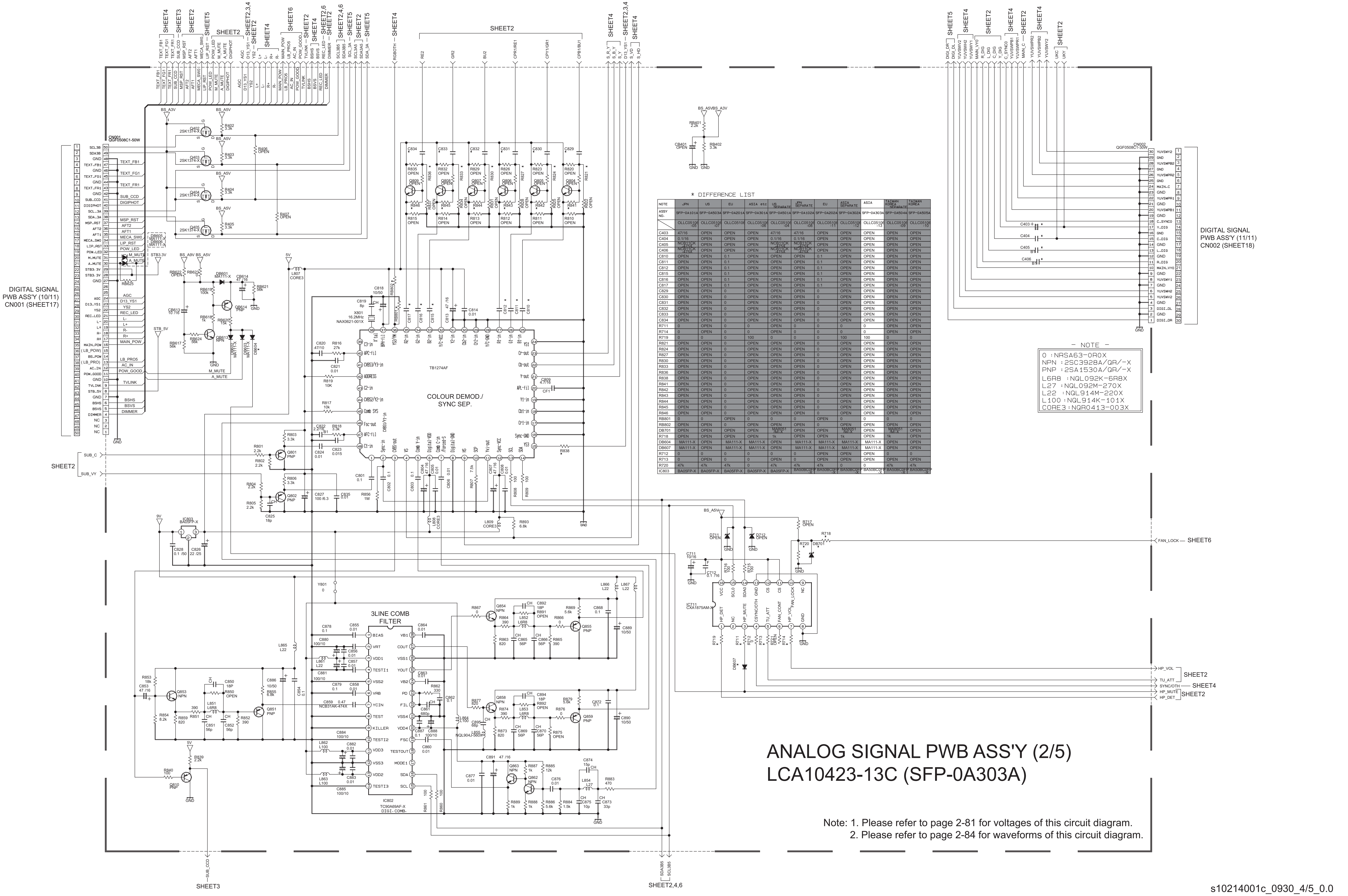
- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
C504	10/50	OPEN	OPEN	OPEN	OPEN	10/50	OPEN	OPEN	OPEN	OPEN	OPEN
C508	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C509	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C510	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C515	1/16	OPEN	1/16	OPEN	1/16	1/16	1/16	OPEN	OPEN	OPEN	OPEN
C516	10/16	OPEN	10/16	OPEN	10/16	10/16	10/16	OPEN	OPEN	OPEN	OPEN
C517	100/10	OPEN	100/10	OPEN	100/10	100/10	100/10	OPEN	OPEN	OPEN	OPEN
C518	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C519	10/50	OPEN	10/50	OPEN	10/50	10/50	10/50	OPEN	OPEN	OPEN	OPEN
C520	1/16	OPEN	1/16	1/16	1/16	1/16	1/16	1/16	1/16	OPEN	OPEN
C521	10/16	OPEN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	OPEN	OPEN
C522	100/10	OPEN	100/10	100/10	100/10	100/10	100/10	100/10	100/10	OPEN	OPEN
C523	10/16	OPEN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	OPEN	OPEN
C524	1/16	OPEN	OPEN	OPEN	1/16	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C525	10/16	OPEN	OPEN	OPEN	10/16	10/16	OPEN	OPEN	OPEN	OPEN	OPEN
C526	100/10	OPEN	OPEN	OPEN	100/10	100/10	OPEN	OPEN	OPEN	OPEN	OPEN
C527	10/16	OPEN	OPEN	OPEN	10/16	10/16	OPEN	OPEN	OPEN	OPEN	OPEN
IC502	MM1510XN-X	OPEN	MM1510XN-X	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN
IC503	MM1510XN-X	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN
IC504	MM1510XN-X	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN
Q501	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q502	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q503	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q504	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q505	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q506	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q507	PNP	OPEN	PNP	OPEN	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN
Q508	PNP	OPEN	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN
Q509	PNP	OPEN	PNP	OPEN	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN
Q511	OPEN	OPEN	UN2213-X	OPEN	OPEN	OPEN	UN2213-X	OPEN	OPEN	OPEN	OPEN
Q512	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q513	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
R508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R509	6.8k	OPEN	OPEN	OPEN	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN	OPEN
R510	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN
R511	6.8k	OPEN	OPEN	OPEN	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN	OPEN
R512	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN
R519	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R526	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R532	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	0	OPEN
R533	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	0	OPEN
R535	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	OPEN
R536	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
R537	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	OPEN
R541	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R542	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R543	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R544	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R545	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R546	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R547	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R548	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R549	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R550	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R551	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R552	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R553	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R554	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R555	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R556	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R557	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R558	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R559	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R560	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R561	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R562	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R563	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R564	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R565	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R566	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R567	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R568	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R571	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R572	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R573	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R574	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R575	5.6k	OPEN	5.6k	OPEN	5.6k	5.6k	5.6k	OPEN	OPEN	OPEN	OPEN
R576	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R577	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R578	5.6k	OPEN	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	OPEN	OPEN
R579	2.2k	OPEN	OPEN	OPEN	2.2k	2.2k	OPEN	OPEN	OPEN	OPEN	OPEN
R580	2.2k	OPEN	OPEN	OPEN	2.2k	2.2k	OPEN	OPEN	OPEN	OPEN	OPEN
R581	5.6k	OPEN	OPEN	OPEN	5.6k	5.6k	OPEN	OPEN	OPEN	OPEN	OPEN
R582	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R583	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R584	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R588	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R589	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R590	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
RB502	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
RB503	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
RB507	0	OPEN	0	0	0	0	0	0	0	0	OPEN
RB508	0	OPEN	0	0	0	0	0	0	0	0	OPEN
RB501	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R538	6.8k	18k	18k	18k	6.8k	6.8k	18k	18k	18k	6.8k	18k
R540	6.8k	18k	18k	18k	6.8k	6.8k	18k	18k	18k	6.8k	18k
RB516	OPEN	0	OPEN	OPEN	0	OPEN	0	0	0	0	0

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 3


DIGITAL SIGNAL PWB ASS'Y (10/11) CN001 (SHEET17)
CN001 QGF0508C1-50W
DIGITAL SIGNAL PWB ASS'Y (11/11) CN002 (SHEET18)
CN002 QGF0508C1-30W
SHEET2
SHEET3
SHEET4
SHEET5
SHEET6
SHEET2,3,4
SHEET2,4,6
TB1274AF
COLOUR DEMOD./
SYNC SEP.
X801 16.2MHz NAX0621-001X
3LINE COMB FILTER
IC802 TC90A69AF-X DIGI.COMB.
IC803 BA05FP-X
IC711 CXA1875AM-X
FAN_LOCK
HP_VOL
TU_ATT
SYNC/OTH
HP_MUTE
HP_DET
SUB_C
SUB_VY
SUB_CCD
SDA3B5
SCL3B5
BS_A5V
STB3.3V
STB_5V
9V
5V
GND

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04	OLLC05106 -08	OLLC05106 -11	OLLC05106 -12	OLLC05106 -13	OLLC05106 -09	OLLC05106 -10
C403	47/16	OPEN	OPEN	OPEN	47/16	47/16	OPEN	OPEN	OPEN	OPEN	OPEN
C404	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C405	NCB11CK -475X	OPEN	OPEN	OPEN	NCB11CK -475X	NCB11CK -475X	OPEN	OPEN	OPEN	OPEN	OPEN
C406	NCB11CK -475X	OPEN	OPEN	OPEN	NCB11CK -475X	NCB11CK -475X	OPEN	OPEN	OPEN	OPEN	OPEN
C810	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C811	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C812	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C815	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C816	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C817	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C829	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C830	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C831	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C832	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C833	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C834	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R711	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R714	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R719	0	0	0	100	0	0	0	100	100	0	0
R821	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R824	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R827	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R830	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R833	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R836	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R838	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R841	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R842	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R843	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R844	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R845	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R846	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
RB801	0	0	OPEN	0	0	0	OPEN	0	0	0	0
RB802	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
DB701	OPEN	OPEN	OPEN	OPEN	MA8051 /M/-X	OPEN	OPEN	MA8051 /M/-X	OPEN	MA8051 /M/-X	OPEN
R718	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	1k	OPEN
DB604	MA111-X	OPEN	MA111-X	MA111-X	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
DB607	MA111-X	OPEN	MA111-X	MA111-X	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
R712	0	0	0	0	0	0	OPEN	OPEN	OPEN	0	0
R713	0	OPEN	0	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
R720	47k	47k	47k	0	47k	47k	47k	0	0	47k	47k
IC803	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X

- NOTE -

0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
L6R8 :NQL092K-6R8X
L27 :NQL092M-270X
L22 :NQL914M-220X
L100 :NQL914K-101X
CORE3 :NQR0413-003X

ANALOG SIGNAL PWB ASS'Y (2/5)
LCA10423-13C (SFP-0A303A)

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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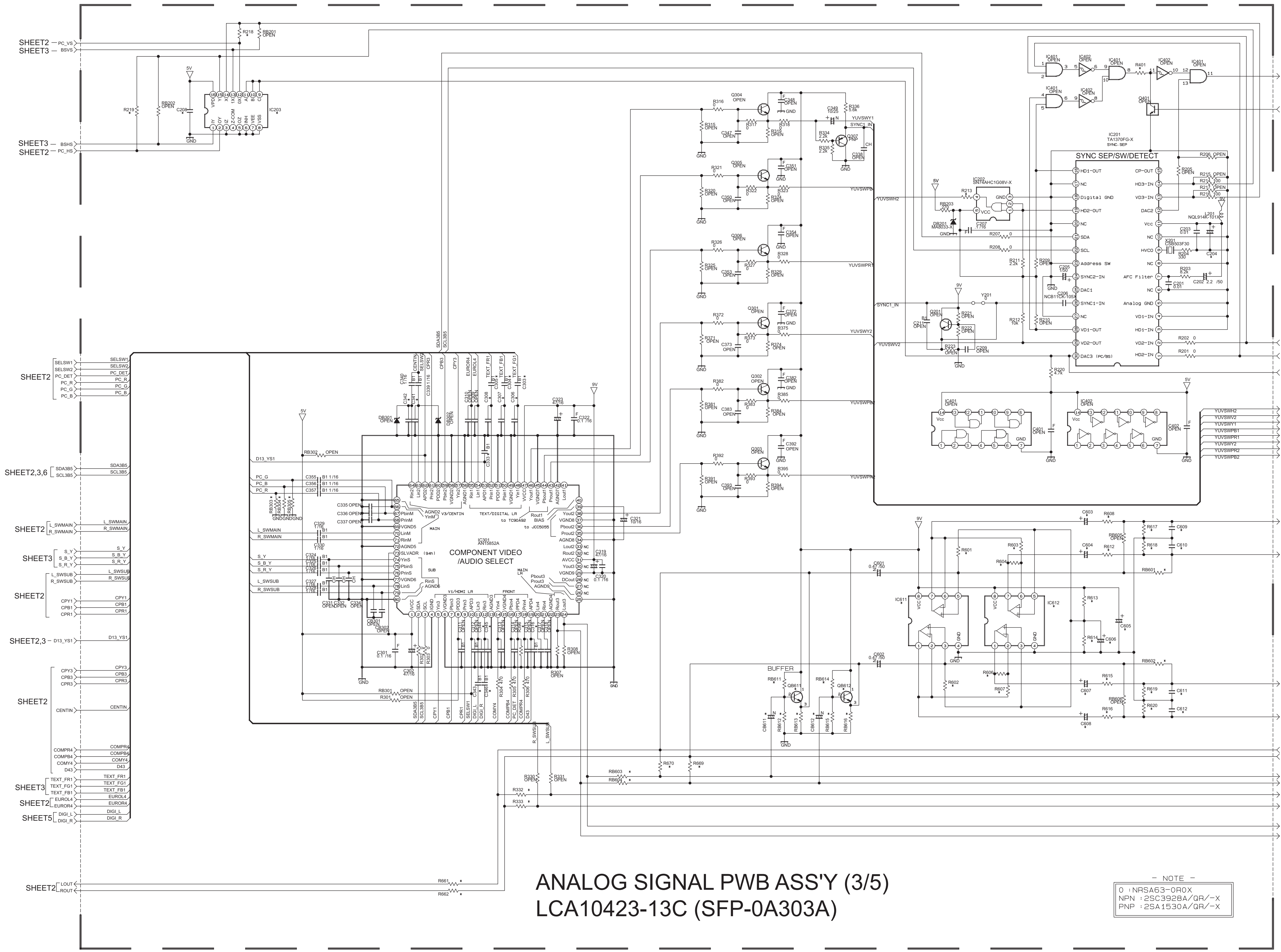
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/5) SHEET 4


SHEET2
SHEET3
SHEET2,3,6
SHEET2,3
SHEET3
SHEET5
SHEET2,5
IC203
IC201
TA1370FG-X
SYNC SEP/SW/DETECT
IC202
SN74AHC1G08V-X
IC301
AN15852A
COMPONENT VIDEO
/AUDIO SELECT
IC401
IC402
IC602
IC611
IC612
BUFFER
Q201
Q301
Q302
Q303
Q304
Q305
Q306
Q307
Q601
QB611
QB612
C_SYNC0
SYNC/OTH
S_VD
S_HD
RGBOTH
YUVSWH2
YUVSWV2
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPR2
YUVSWPB2
L+
L-
R-
R+
LIP_L
LIP_R
MAIN_L
MAIN_R
HP_L
HP_R
COMP_L
COMP_R
PC_VS
BSVS
BSHS
PC_HS
SELSW1
SELSW2
PC_DET
PC_R
PC_G
PC_B
SDA3B5
SCL3B5
L_SWMAIN
R_SWMAIN
S_Y
S_B_Y
S_R_Y
L_SWSUB
R_SWSUB
CPY1
CPB1
CPR1
D13_YS1
CPY3
CPB3
CPR3
CENTIN
COMPR4
COMPB4
COMY4
D43
TEXT_FR1
TEXT_FG1
TEXT_FB1
EUROL4
EUROR4
DIGI_L
DIGI_R
LOUT
ROUT

ANALOG SIGNAL PWB ASS'Y (3/5)
LCA10423-13C (SFP-0A303A)

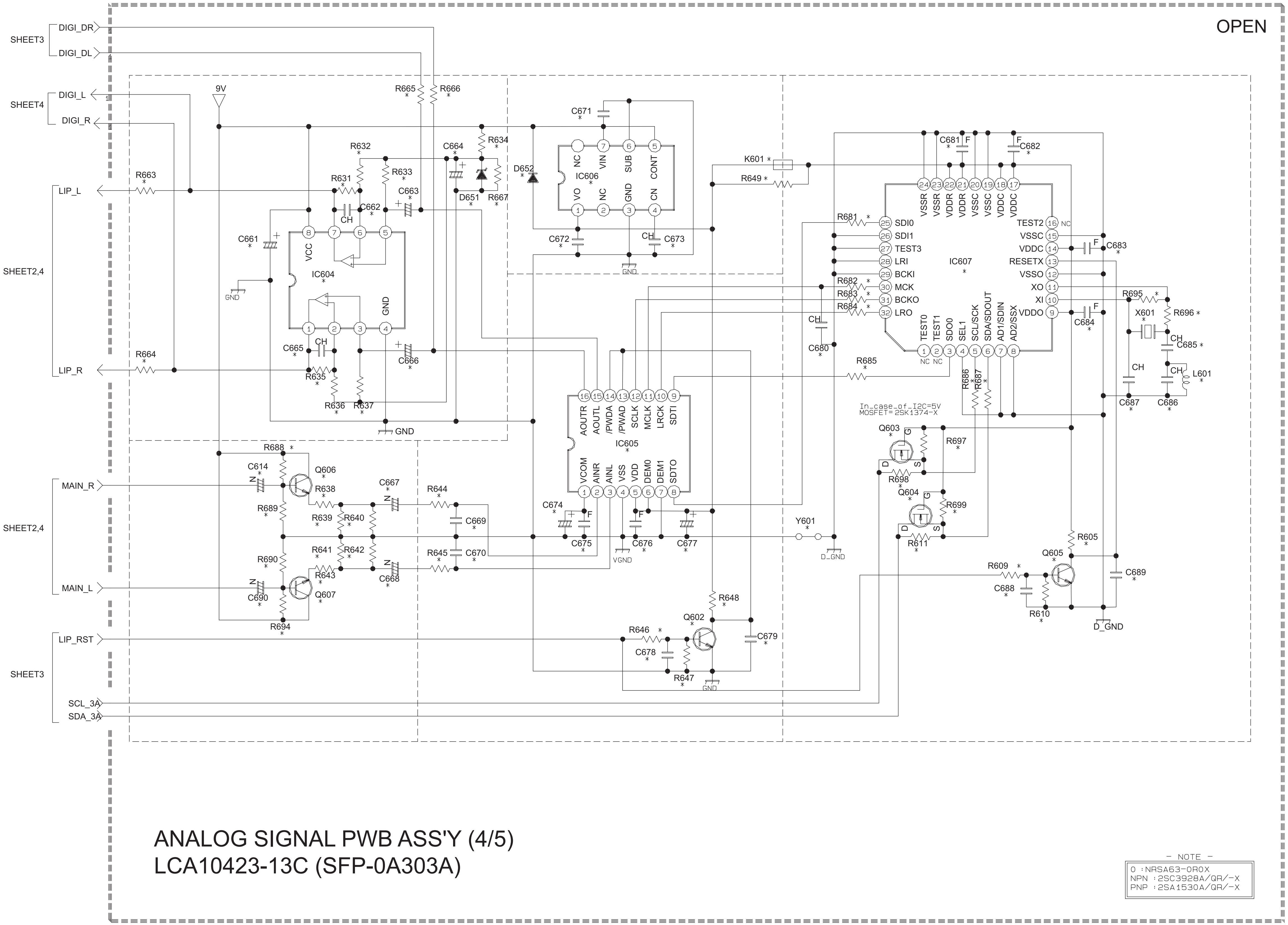
- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
C208	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	OPEN
C303	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C304	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C305	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C306	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C307	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C308	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C316	1/16	OPEN	OPEN	OPEN	OPEN	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C333	1/16	OPEN	OPEN	OPEN	OPEN	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C343	OPEN	1/16	OPEN	OPEN	1/16	OPEN	1/16	1/16	1/16	1/16	1/16
C344	0.01	OPEN	0.01	0.01	OPEN	0.01	OPEN	OPEN	OPEN	OPEN	OPEN
C345	0.01	OPEN	0.01	0.01	OPEN	0.01	OPEN	OPEN	OPEN	OPEN	OPEN
C346	OPEN	1/16	OPEN	OPEN	1/16	OPEN	1/16	1/16	1/16	1/16	1/16
IC203	CD74HC4053PW-X	OPEN	OPEN	OPEN	CD74HC4053PW-X	CD74HC4053PW-X	OPEN	OPEN	OPEN	CD74HC4053PW-X	OPEN
R218	OPEN	0	0	0	OPEN	OPEN	0	0	0	OPEN	0
R219	OPEN	0	0	0	OPEN	OPEN	0	0	0	OPEN	0
R332	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R333	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R661	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R662	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R669	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	0	OPEN
R670	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	0	OPEN
RB601	0	0	0	0	OPEN	OPEN	0	OPEN	0	OPEN	0
RB602	0	0	0	0	OPEN	OPEN	0	OPEN	0	OPEN	0
IC611	OPEN	OPEN	OPEN	OPEN	BA4558F-X	RC4558D-X	OPEN	BA4558F-X	OPEN	BA4558F-X	OPEN
IC612	OPEN	OPEN	OPEN	OPEN	RC4558D-X	RC4558D-X	OPEN	RC4558D-X	OPEN	RC4558D-X	OPEN
R601	OPEN	OPEN	OPEN	OPEN	10k	10k	OPEN	10k	OPEN	10k	OPEN
R602	OPEN	OPEN	OPEN	OPEN	10k	10k	OPEN	10k	OPEN	10k	OPEN
R603	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R604	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R606	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R607	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R608	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R612	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R613	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R614	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R615	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R616	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R617	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R618	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R619	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R620	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
C603	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C604	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C605	OPEN	OPEN	OPEN	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN
C606	OPEN	OPEN	OPEN	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN
C607	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C608	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C609	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C610	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C611	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C612	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB603	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
RB604	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
RB611	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB612	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB613	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN
RB614	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB615	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB616	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN
CB611	OPEN	OPEN	OPEN	10/25	OPEN	OPEN	OPEN	OPEN	10/25	OPEN	OPEN
CB612	OPEN	OPEN	OPEN	10/25	OPEN	OPEN	OPEN	OPEN	10/25	OPEN	OPEN
QB611	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN
QB612	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN
C204	NEZ0022-157X	NEZ0022-157X	NEH71AM-107X	NEH71AM-107X	NEZ0022-157X	NEZ0022-157X	NEH71AM-107X	NEH71AM-107X	NEH71AM-107X	NEZ0022-157X	NEZ0022-157X
R213	0	0	22	22	0	0	22	22	22	0	0
C341	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	.0047/50
C342	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	.0047/50
R396	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0
RB303	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
RB304	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
RB305	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
R401	OPEN	OPEN	OPEN	OPEN	150	OPEN	OPEN	OPEN	OPEN	150	OPEN

s10214001c_0930_1/5_0.0

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.


OPEN
SHEET3
DIGI_DR
DIGI_DL
SHEET4
DIGI_L
DIGI_R
LIP_L
SHEET2,4
LIP_R
MAIN_R
SHEET2,4
MAIN_L
LIP_RST
SHEET3
SCL_3A
SDA_3A
9V
R663
R664
R665
R666
R632
R631
R633
R634
C664
C662
C663
CH
D651
R667
D652
C661
GND
IC604
VCC
GND
C665
CH
C666
R635
R636
R637
GND
C671
IC606
NC
VIN
SUB
CONT
VO
NC
GND
CN
C672
C673
CH
GND
K601
R649
IC607
C681
C682
VSSR
VSSR
VDDR
VDDR
VSSC
VSSC
VDDC
VDDC
TEST2
NC
VSSC
VDDC
RESETX
VSSO
XO
XI
VDDO
C683
R681
SDI0
SDI1
TEST3
LRI
BCKI
MCK
BCKO
LRO
R682
R683
R684
CH
C680
TEST0
TEST1
SDO0
SEL1
SCL/SCK
SDA/SDOUT
AD1/SDIN
AD2/SSX
NC NC
C684
R695
R696
X601
CH
C685
CH
CH
L601
C687
C686
R685
R686
R687
In_case_of_I2C=5V
MOSFET=2SK1374-X
Q603
R697
R698
Q604
R699
R611
R605
Q605
C689
R609
C688
R610
D_GND
IC605
AOUTR
AOUTL
/PWDA
/PWAD
SCLK
MCLK
LRCK
SDTI
VCOM
AINR
AINL
VSS
VDD
DEM0
DEM1
SDTO
C674
C675
C676
C677
VGND
Y601
D_GND
R688
C614
Q606
R638
C667
R644
C669
R689
R639
R640
R641
R642
R643
R645
C670
C668
R690
C690
Q607
R694
R648
Q602
R646
C678
R647
C679
GND

ANALOG SIGNAL PWB ASS'Y (4/5)
LCA10423-13C (SFP-0A303A)

- NOTE -

0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

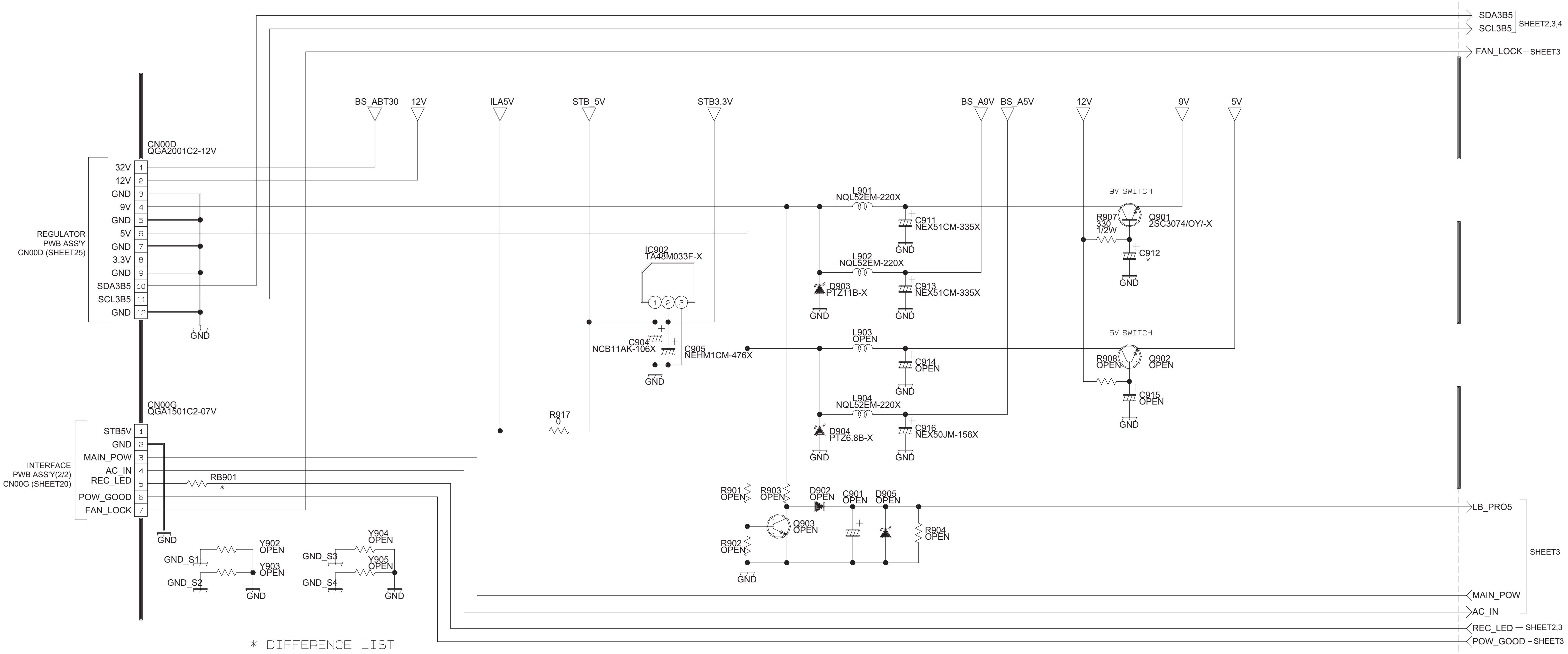
* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
R631	OPEN	4.7k	10k	OPEN	4.7k	OPEN	10k	OPEN	OPEN	4.7k	4.7k
R632	OPEN	6.8k	2.2k	OPEN	6.8k	OPEN	2.2k	OPEN	OPEN	6.8k	6.8k
R633	OPEN	100k	100k	OPEN	100k	OPEN	100k	OPEN	OPEN	100k	100k
R634	OPEN	10k	5.6k	OPEN	10k	OPEN	5.6k	OPEN	OPEN	10k	10k
R635	OPEN	4.7k	10k	OPEN	4.7k	OPEN	10k	OPEN	OPEN	4.7k	4.7k
R636	OPEN	6.8k	2.2k	OPEN	6.8k	OPEN	2.2k	OPEN	OPEN	6.8k	6.8k
R637	OPEN	100k	100k	OPEN	100k	OPEN	100k	OPEN	OPEN	100k	100k
R638	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	OPEN
R639	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R640	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R641	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R642	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R643	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	OPEN
R644	OPEN	OPEN	470	OPEN	OPEN	OPEN	470	OPEN	OPEN	OPEN	OPEN
R645	OPEN	OPEN	470	OPEN	OPEN	OPEN	470	OPEN	OPEN	OPEN	OPEN
R646	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R647	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R648	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R681	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R682	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R683	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R684	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R685	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R686	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	OPEN
R687	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	OPEN
R688	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R689	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R690	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R694	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R695	OPEN	OPEN	1M	OPEN	OPEN	OPEN	1M	OPEN	OPEN	OPEN	OPEN
R696	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R697	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R698	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R699	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R605	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R609	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R610	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R611	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R649	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C661	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN	OPEN	47/16	47/16
C662	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C663	OPEN	10/16	1/50	OPEN	10/16	OPEN	1/50	OPEN	OPEN	10/16	10/16
C664	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN	OPEN	47/16	47/16
C665	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C666	OPEN	10/16	1/50	OPEN	10/16	OPEN	1/50	OPEN	OPEN	10/16	10/16
C667	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C668	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C669	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C670	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C671	OPEN	OPEN	NCB11EK-105X	OPEN	OPEN	OPEN	NCB11EK-105X	OPEN	OPEN	OPEN	OPEN
C672	OPEN	OPEN	NCB11CK-225X	OPEN	OPEN	OPEN	NCB11CK-225X	OPEN	OPEN	OPEN	OPEN
C673	OPEN	OPEN	470p	OPEN	OPEN	OPEN	470p	OPEN	OPEN	OPEN	OPEN
C674	OPEN	OPEN	4.7/25	OPEN	OPEN	OPEN	4.7/25	OPEN	OPEN	OPEN	OPEN
C675	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C676	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C677	OPEN	OPEN	10/16	OPEN	OPEN	OPEN	10/16	OPEN	OPEN	OPEN	OPEN
C678	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C679	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C680	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C681	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C682	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C683	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C684	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C685	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C686	OPEN	OPEN	12p	OPEN	OPEN	OPEN	12p	OPEN	OPEN	OPEN	OPEN
C687	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C688	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C689	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C690	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C614	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
D651	OPEN	OPEN	MA8047/L/-X	OPEN	OPEN	OPEN	MA8047/L/-X	OPEN	OPEN	OPEN	OPEN
D652	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	OPEN
Q602	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q603	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q604	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q605	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q606	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q607	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
K601	OPEN	OPEN	NQR0413-002X	OPEN	OPEN	OPEN	NQR0413-002X	OPEN	OPEN	OPEN	OPEN
L601	OPEN	OPEN	NQL092K-2R2X	OPEN	OPEN	OPEN	NQL092K-2R2X	OPEN	OPEN	OPEN	OPEN
X601	OPEN	OPEN	NAX0634-001X	OPEN	OPEN	OPEN	NAX0634-001X	OPEN	OPEN	OPEN	OPEN
Y601	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
IC604	OPEN	RC4558D-X	RC4558D-X	OPEN	RC4558D-X	OPEN	RC4558D-X	OPEN	OPEN	RC4558D-X	RC4558D-X
IC605	OPEN	OPEN	AK4550VT-X	OPEN	OPEN	OPEN	AK4550VT-X	OPEN	OPEN	OPEN	OPEN
IC606	OPEN	OPEN	MM1562FF-X	OPEN	OPEN	OPEN	MM1562FF-X	OPEN	OPEN	OPEN	OPEN
IC607	OPEN	OPEN	NJU26103 FR1	OPEN	OPEN	OPEN	NJU26103 FR1	OPEN	OPEN	OPEN	OPEN
R663	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R664	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R665	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
R666	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
R667	OPEN	10k	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	10k

s10214001c_0930_3/5_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (5/5) SHEET 6

ANALOG SIGNAL PWB ASS'Y (5/5)
LCA10423-13C (SFP-0A303A)


SDA3B5
SCL3B5
SHEET2,3,4
FAN_LOCK
SHEET3
BS_ABT30
12V
ILA5V
STB_5V
STB3.3V
BS_A9V
BS_A5V
12V
9V
5V
CN00D
QGA2001C2-12V
REGULATOR
PWB ASS'Y
CN00D (SHEET25)
32V 1
12V 2
GND 3
9V 4
GND 5
5V 6
GND 7
3.3V 8
GND 9
SDA3B5 10
SCL3B5 11
GND 12
GND
IC902
TA48M033F-X
1 2 3
C904
NCB11AK-106X
C905
NEHM1CM-476X
GND
L901
NQL52EM-220X
C911
NEX51CM-335X
GND
L902
NQL52EM-220X
D903
PTZ11B-X
C913
NEX51CM-335X
GND
L903
OPEN
C914
OPEN
L904
NQL52EM-220X
D904
PTZ6.8B-X
C916
NEX50JM-156X
9V SWITCH
R907
330
1/2W
Q901
2SC3074/OY/-X
C912
*
5V SWITCH
R908
OPEN
Q902
OPEN
C915
OPEN
CN00G
QGA1501C2-07V
INTERFACE
PWB ASS'Y(2/2)
CN00G (SHEET20)
STB5V 1
GND 2
MAIN_POW 3
AC_IN 4
REC_LED 5
POW_GOOD 6
FAN_LOCK 7
RB901
*
R917
0
GND_S1
GND_S2
Y902
OPEN
Y903
OPEN
GND_S3
GND_S4
Y904
OPEN
Y905
OPEN
R901
OPEN
R903
OPEN
R902
OPEN
Q903
OPEN
D902
OPEN
C901
OPEN
D905
OPEN
R904
OPEN
LB_PRO5
SHEET3
MAIN_POW
AC_IN
REC_LED — SHEET2,3
POW_GOOD – SHEET3

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04	OLLC05106 -08	OLLC05106 -11	OLLC05106 -12	OLLC05106 -13	OLLC05106 -09	OLLC05106 -10
RB901	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
C912	NEHL1CM -107X	47/16	47/16	47/16	47/16	NEHL1CM -107X	47/16	47/16	47/16	47/16	47/16

– NOTE –

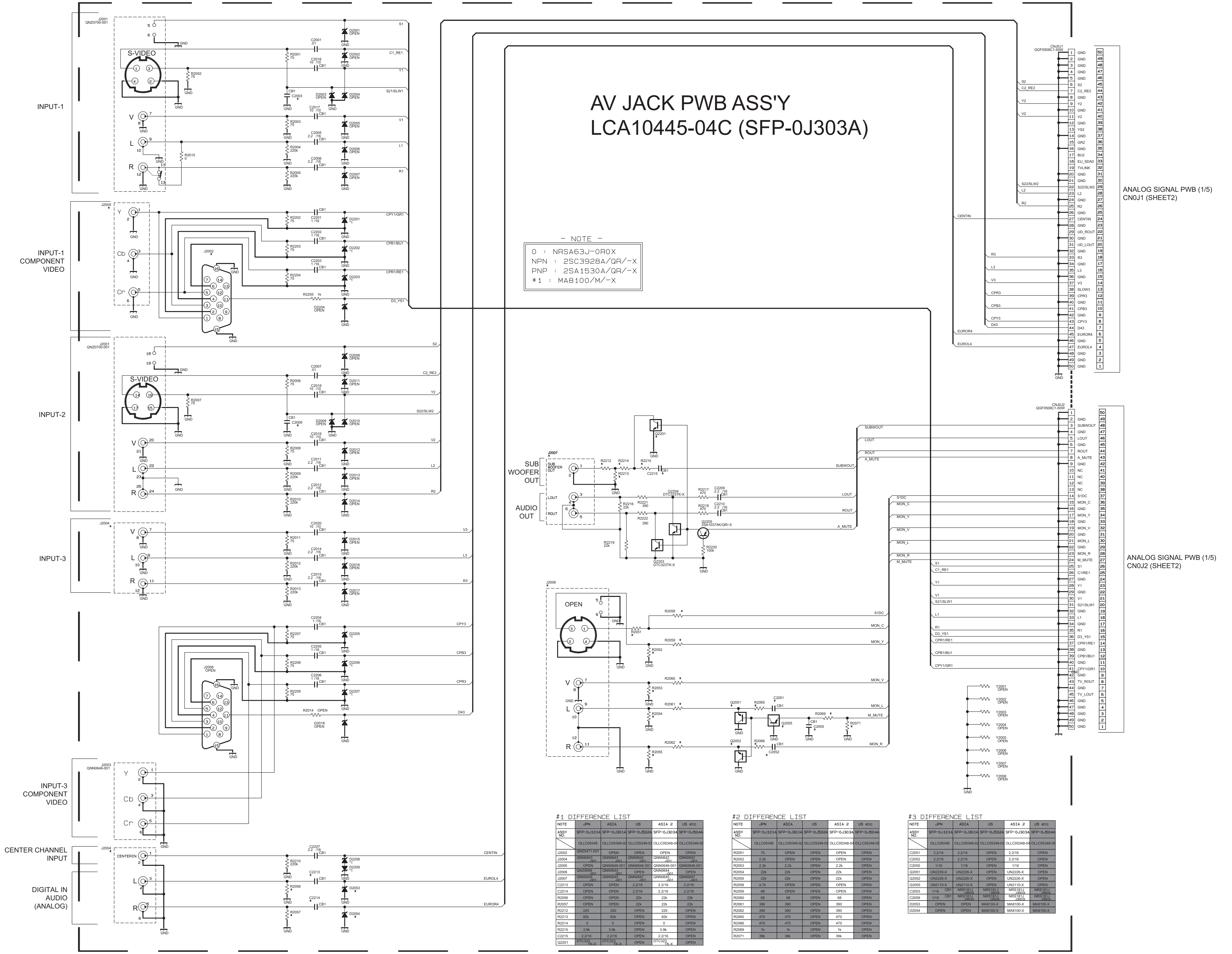
0 :NRSA63-0R0X

*1 :NQR0415-005X

Note: Please refer to page 2-81 for voltages of this circuit diagram.

s10214001c_0930_5/5_0.0

AV JACK PWB CIRCUIT DIAGRAM SHEET 7


AV JACK PWB ASS'Y
LCA10445-04C (SFP-0J303A)
INPUT-1
S-VIDEO
INPUT-1 COMPONENT VIDEO
INPUT-2
INPUT-3
INPUT-3 COMPONENT VIDEO
CENTER CHANNEL INPUT
DIGITAL IN AUDIO (ANALOG)
SUB WOOFER OUT
AUDIO OUT
OPEN
ANALOG SIGNAL PWB (1/5) CN0J1 (SHEET2)
ANALOG SIGNAL PWB (1/5) CN0J2 (SHEET2)
J2001
J2002
J2003
J2004
J2005
J2006
J2007
CN0J1
CN0J2

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : MA8100/M/-X

#1 DIFFERENCE LIST

NOTE	JPN	ASIA	US	ASIA 2	US etc
ASSY NO.	SFP-0J101A	SFP-0J301A	SFP-0J502A	SFP-0J303A	SFP-0J504A
	OLLC05348	OLLC05348-02	OLLC05348-03	OLLC05348-04	OLLC05348-05
J2002	QNZ0471-001	OPEN	OPEN	OPEN	OPEN
J2004	QNN0643 -001	QNN0643 -001	QNN0642 -001	QNN0642 -001	QNN0642 -001
J2005	OPEN	QNN0646-001	QNN0646-001	QNN0646-001	QNN0646-001
J2006	QNZ0699 -001	QNN0644 -001	OPEN	QNN0644 -001	OPEN
J2007	QNN0645 -001	QNN0645 -001	QNN0647 -001	QNN0645 -001	QNN0647 -001
C2213	OPEN	OPEN	2.2/16	2.2/16	2.2/16
C2214	OPEN	OPEN	2.2/16	2.2/16	2.2/16
R2056	OPEN	OPEN	22k	22k	22k
R2057	OPEN	OPEN	22k	22k	22k
R2212	220	220	OPEN	220	OPEN
R2213	82k	82k	OPEN	82k	OPEN
R2214	0	0	OPEN	0	OPEN
R2215	3.9k	3.9k	OPEN	3.9k	OPEN
C2215	2.2/16	2.2/16	OPEN	2.2/16	OPEN
Q2201	DTC323 TK-X	DTC323 TK-X	OPEN	DTC323 TK-X	OPEN

#2 DIFFERENCE LIST

NOTE	JPN	ASIA	US	ASIA 2	US etc
ASSY NO.	SFP-0J101A	SFP-0J301A	SFP-0J502A	SFP-0J303A	SFP-0J504A
	OLLC05348	OLLC05348-02	OLLC05348-03	OLLC05348-04	OLLC05348-05
R2051	75	OPEN	OPEN	OPEN	OPEN
R2052	2.2k	OPEN	OPEN	OPEN	OPEN
R2053	2.2k	2.2k	OPEN	2.2k	OPEN
R2054	22k	22k	OPEN	22k	OPEN
R2055	22k	22k	OPEN	22k	OPEN
R2058	4.7k	OPEN	OPEN	OPEN	OPEN
R2059	68	OPEN	OPEN	OPEN	OPEN
R2060	68	68	OPEN	68	OPEN
R2061	390	390	OPEN	390	OPEN
R2062	390	390	OPEN	390	OPEN
R2065	470	470	OPEN	470	OPEN
R2066	470	470	OPEN	470	OPEN
R2069	1k	1k	OPEN	1k	OPEN
R2071	39k	39k	OPEN	39k	OPEN

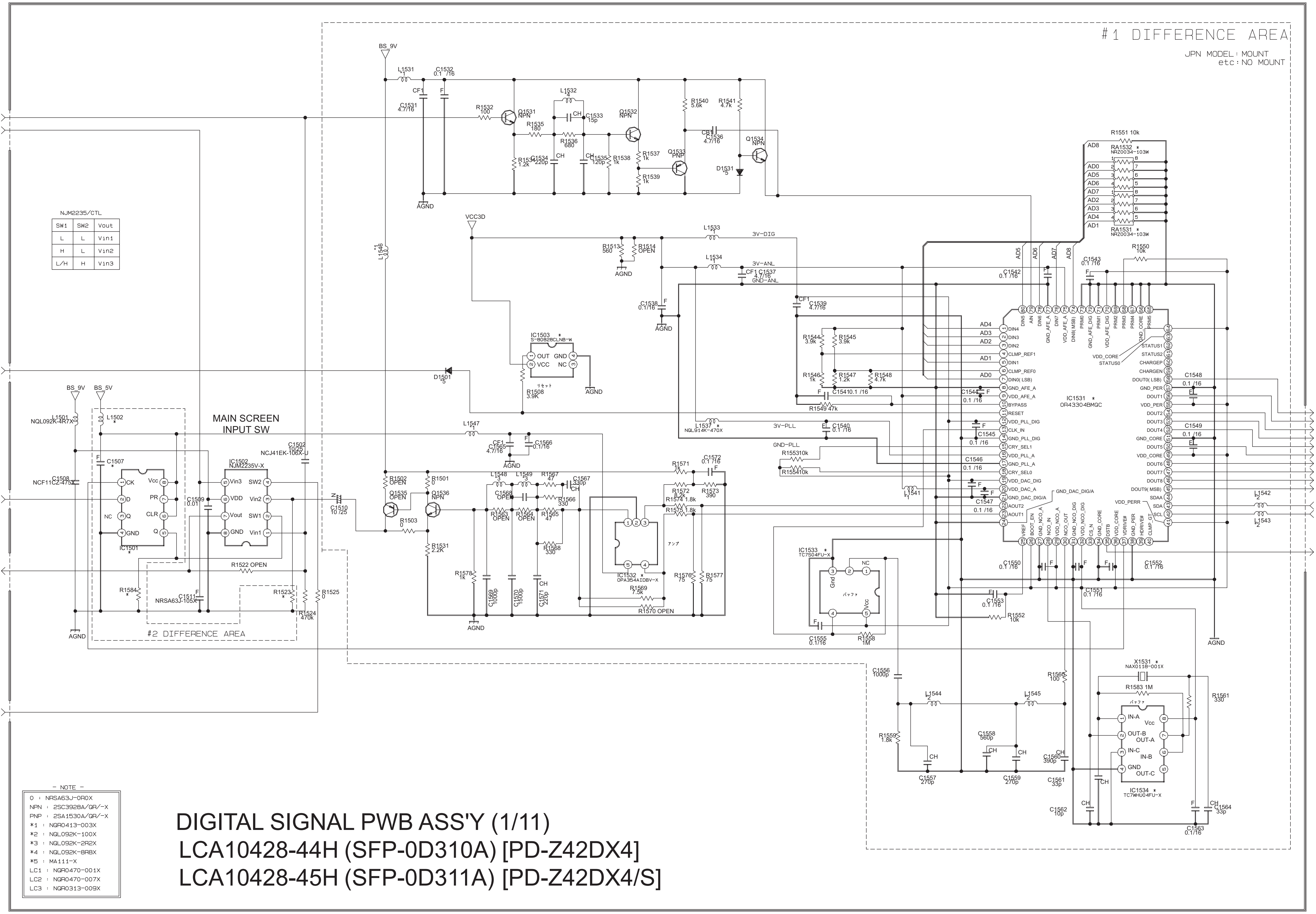
#3 DIFFERENCE LIST

NOTE	JPN	ASIA	US	ASIA 2	US etc
ASSY NO.	SFP-0J101A	SFP-0J301A	SFP-0J502A	SFP-0J303A	SFP-0J504A
	OLLC05348	OLLC05348-02	OLLC05348-03	OLLC05348-04	OLLC05348-05
C2051	2.2/16	2.2/16	OPEN	2.2/16	OPEN
C2052	2.2/16	2.2/16	OPEN	2.2/16	OPEN
C2055	1/16	1/16	OPEN	1/16	OPEN
Q2051	UN2226-X	UN2226-X	OPEN	UN2226-X	OPEN
Q2052	UN2226-X	UN2226-X	OPEN	UN2226-X	OPEN
Q2055	UN2110-X	UN2110-X	OPEN	UN2110-X	OPEN
C2003	1/16 CB1	NRS181J -0R0X	NRS181J -0R0X	NRS181J -0R0X	NRS181J -0R0X
C2009	1/16 CB1	NRS181J -0R0X	NRS181J -0R0X	NRS181J -0R0X	NRS181J -0R0X
D2053	OPEN	OPEN	MA8100-X	MA8100-X	MA8100-X
D2054	OPEN	OPEN	MA8100-X	MA8100-X	MA8100-X

Note: Please refer to page 2-81 for voltages of this circuit diagram.

s10261001b_0930_1/1_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/11) SHEET 8



SW1	SW2	Vout
L	L	Vin1
H	L	Vin2
L/H	H	Vin3

NJM2235/CTL

- NOTE -

0	NRSA63J-0R0X
NPN	2SC3928A/QR/-X
PNP	2SA1530A/QR/-X
*1	NQR0413-003X
*2	NQL092K-100X
*3	NQL092K-2R2X
*4	NQL092K-8R8X
*5	MA111-X
LC1	NQR0470-001X
LC2	NQR0470-007X
LC3	NQR0313-009X

DIGITAL SIGNAL PWB ASS'Y (1/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

#2 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
L1502	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
C1507	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN
IC1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7W74F-X	TC7W74F-X	TC7W74F-X	TC7W74F-X	OPEN	OPEN	OPEN	OPEN
R1584	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0
R1523	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	1M	1M	1M	1M	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X

※The blank part of a difference list : Refer to circuit block.

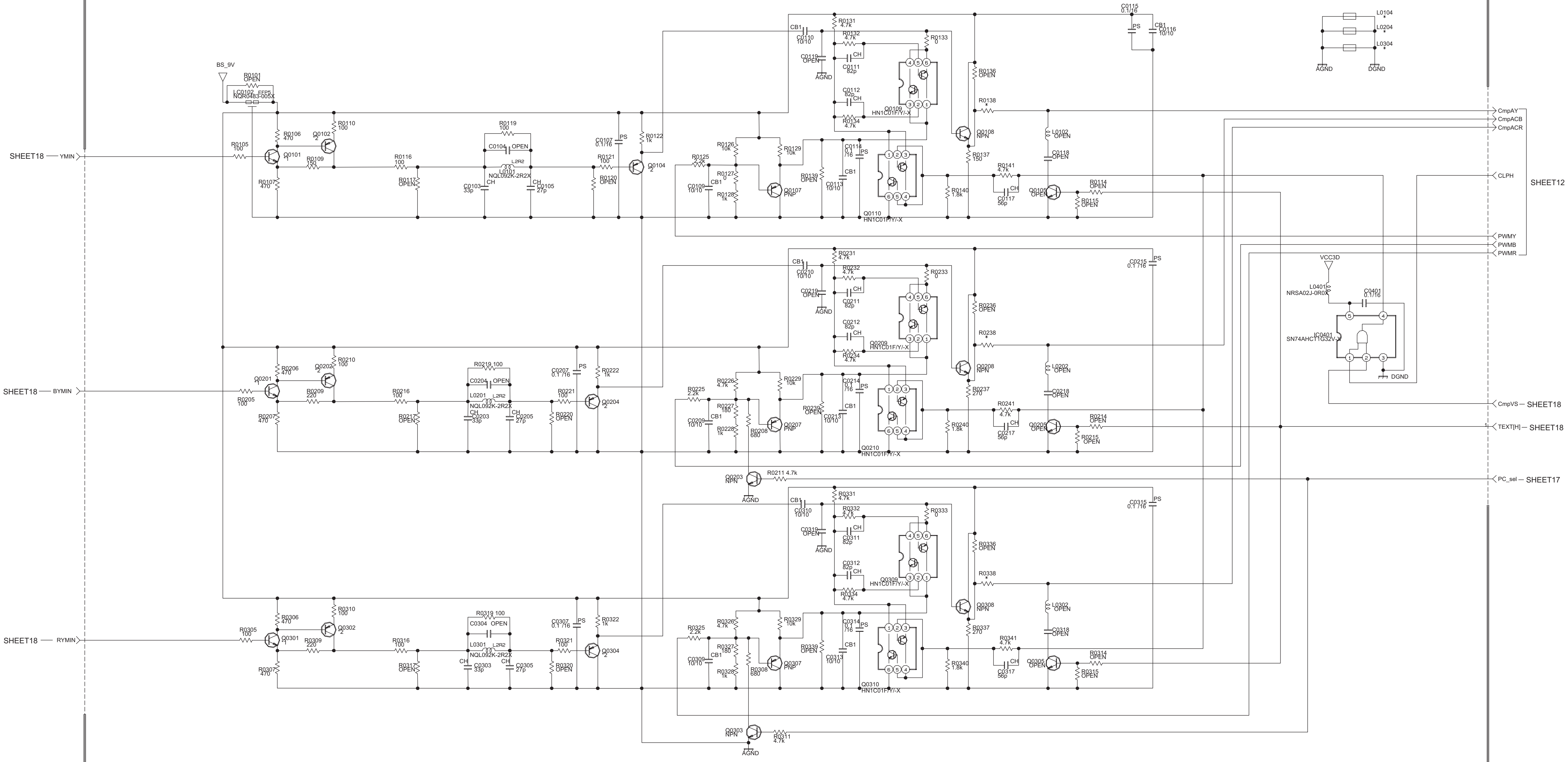
#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
X1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0118-001X	NAX0118-001X	NAX0118-001X	NAX0118-001X	OPEN	OPEN	OPEN	OPEN
RA1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	OPEN	OPEN	OPEN	OPEN
RA1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	OPEN	OPEN	OPEN	OPEN
R1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1513	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1554	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1568	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1573	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1574	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1575	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1576	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1577	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1578	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1583	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQL914K-470X	NQL914K-470X	NQL914K-470X	NQL914K-470X	OPEN	OPEN	OPEN	OPEN
L1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	S-80828CLNB-W	S-80828CLNB-W	S-80828CLNB-W	S-80828CLNB-W	OPEN	OPEN	OPEN	OPEN
IC1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OR43304BMQC	OR43304BMQC	OR43304BMQC	OR43304BMQC	OPEN	OPEN	OPEN	OPEN
IC1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPA354AIDBV-X	OPA354AIDBV-X	OPA354AIDBV-X	OPA354AIDBV-X	OPEN	OPEN	OPEN	OPEN
IC1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7S04FU-X	TC7S04FU-X	TC7S04FU-X	TC7S04FU-X	OPEN	OPEN	OPEN	OPEN
IC1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7WHU04FU-X	TC7WHU04FU-X	TC7WHU04FU-X	TC7WHU04FU-X	OPEN	OPEN	OPEN	OPEN
D1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
D1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1510	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1555	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1556	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1557	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1562	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1563	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1564	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1570	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10213001c_0930_10/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) SHEET 9


SHEET18 YMIN
SHEET18 BYMIN
SHEET18 RYMIN
BS_9V
R0101 OPEN
LC0102 NQR0483-005X
CmpAY
CmpACB
CmpACR
CLPH
SHEET12
PWMY
PWMB
PWMR
VCC3D
L0401 NRSA02J-0R0X
C0401 0.1/16
IC0401 SN74AHCT1G32V-X
DGND
AGND
L0104
L0204
L0304
CmpVS SHEET18
TEXT[H] SHEET18
PC_sel SHEET17
Q0109 HN1C01F/Y/-X
Q0110 HN1C01F/Y/-X
Q0209 HN1C01F/Y/-X
Q0210 HN1C01F/Y/-X
Q0309 HN1C01F/Y/-X
Q0310 HN1C01F/Y/-X
L0101 NQL092K-2R2X
L0201 NQL092K-2R2X
L0301 NQL092K-2R2X
Q0203 NPN
R0211 4.7k
Q0303 NPN
R0311 4.7k

#1 DIFFERENCE LIST (US-UNION MODEL/ etc)

NOTE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R0138	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0238	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0338	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
L0104	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L0204	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L0304	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X

DIGITAL SIGNAL PWB ASS'Y (2/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

- NOTE -

O : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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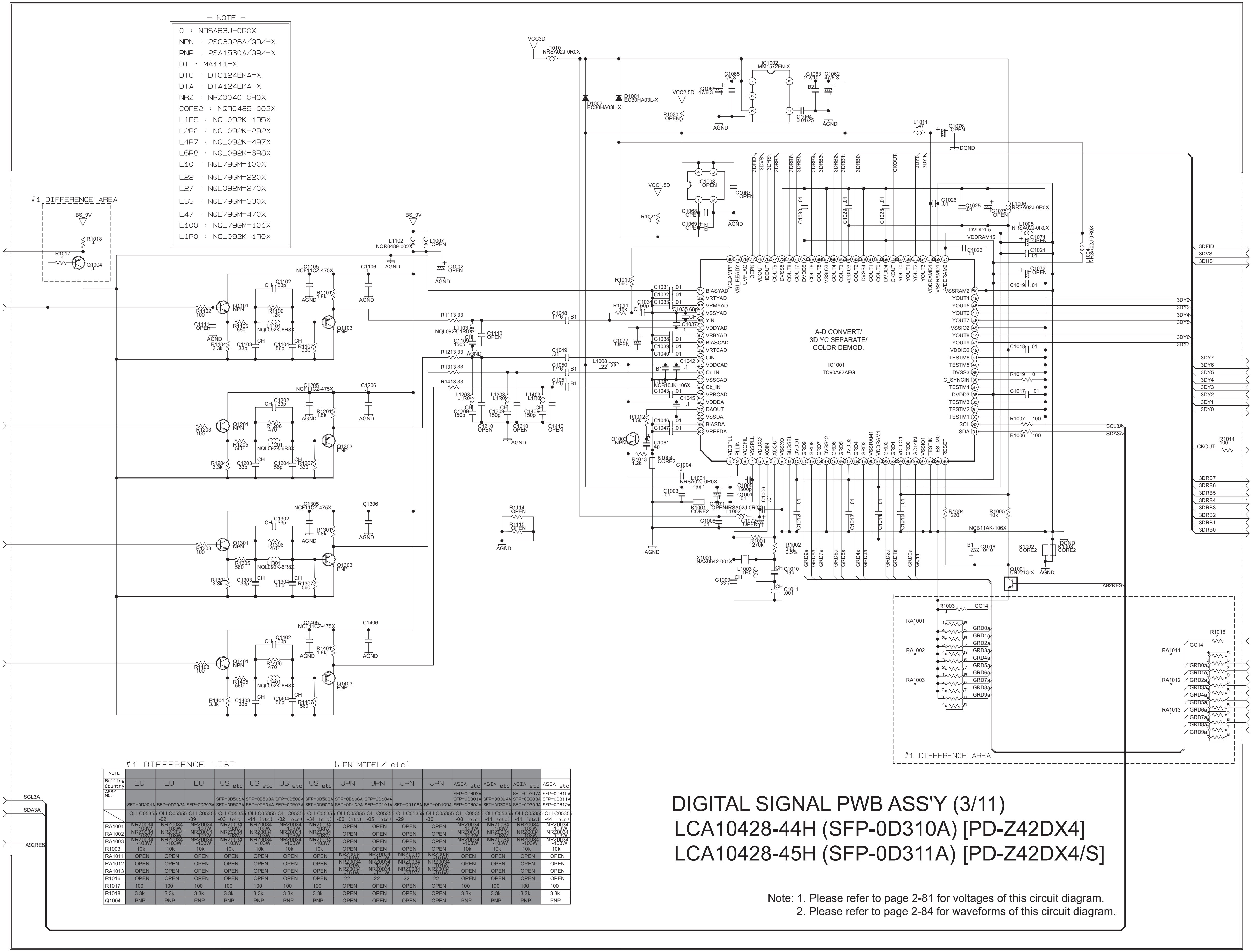

- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
DI : MA111-X
DTC : DTC124EKA-X
DTA : DTA124EKA-X
NRZ : NRZ0040-0R0X
CORE2 : NQR0489-002X
L1R5 : NQL092K-1R5X
L2R2 : NQL092K-2R2X
L4R7 : NQL092K-4R7X
L6R8 : NQL092K-6R8X
L10 : NQL79GM-100X
L22 : NQL79GM-220X
L27 : NQL092M-270X
L33 : NQL79GM-330X
L47 : NQL79GM-470X
L100 : NQL79GM-101X
L1R0 : NQL092K-1R0X
#1 DIFFERENCE AREA
SHEET16,18
MAIN_CCD
SHEET8
DEC_Y
SHEET18
C_MAIN
DEC_RY
DEC_BY
SHEET17
SCL3A
SDA3A
A92RES
A-D CONVERT/
3D YC SEPARATE/
COLOR DEMOD.
IC1001
TC90A92AFG
IC1002
MM1572FN-X
IC1003
SHEET12
SHEET8
#1 DIFFERENCE AREA

#1 DIFFERENCE LIST (JPN MODEL/ etc)

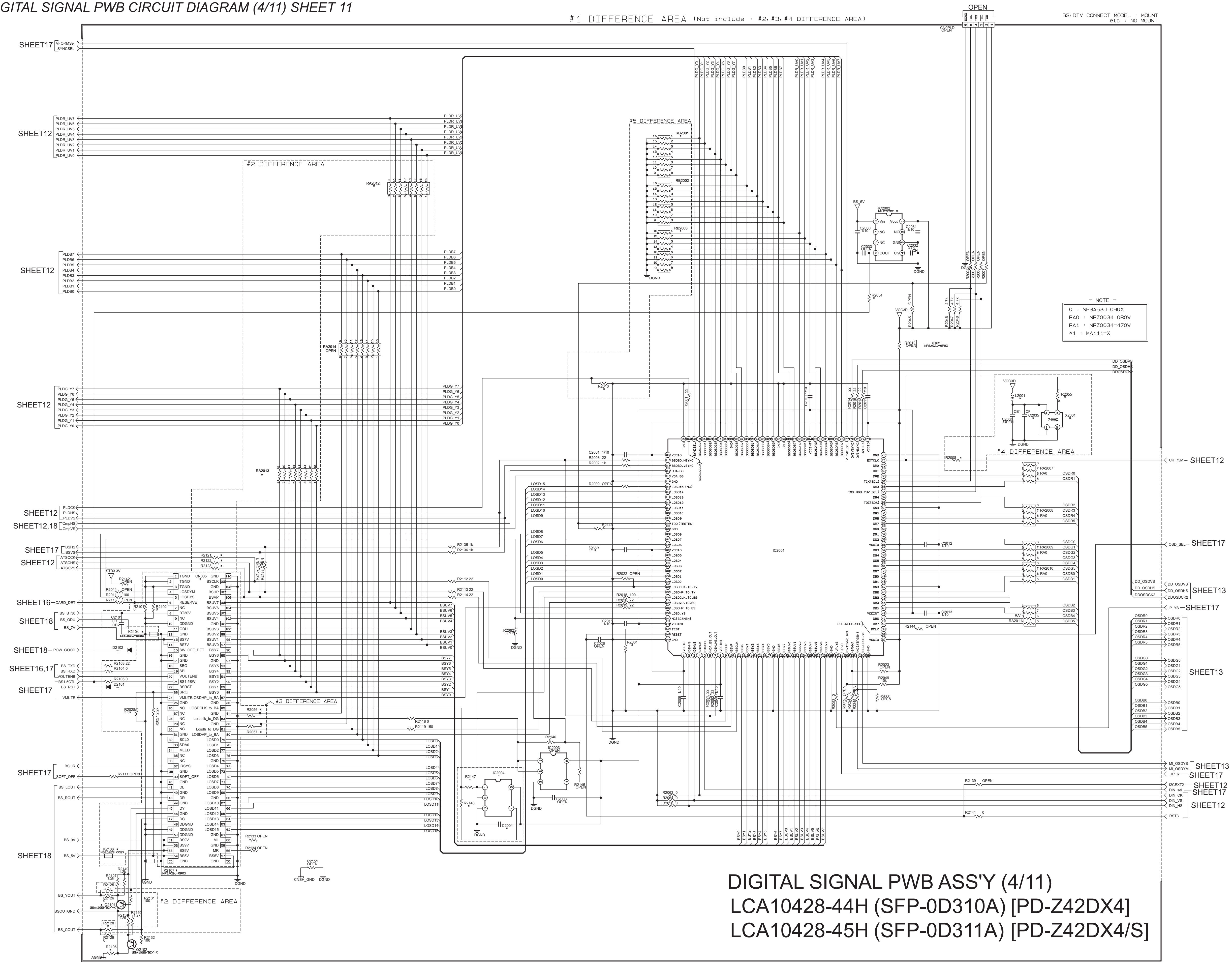
NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RA1001	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
RA1002	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
RA1003	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
R1003	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
RA1011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
RA1012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
RA1013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
R1016	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R1017	100	100	100	100	100	100	100	OPEN	OPEN	OPEN	OPEN	100	100	100	100
R1018	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	3.3k	3.3k	3.3k
Q1004	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	PNP	PNP	PNP	PNP

DIGITAL SIGNAL PWB ASS'Y (3/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10213001c_0930_2/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET 11



DIGITAL SIGNAL PWB ASS'Y (4/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (BS·DTV CONNECT MODEL/ etc)

BS·DTV	–	–	–	–	–	–	–	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	–	–	–	–
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R2112	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2114	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2118	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2119	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2127	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2132	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2135	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2136	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2141	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q2101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022 /BC/-X	2SA1022 /BC/-X	2SA1022 /BC/-X	2SA1022 /BC/-X	OPEN	OPEN	OPEN	OPEN
Q2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022 /BC/-X	2SA1022 /BC/-X	2SA1022 /BC/-X	2SA1022 /BC/-X	OPEN	OPEN	OPEN	OPEN
D2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2007	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2003	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN
R2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2018	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2019	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2020	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2024	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2045	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2046	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2047	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2048	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2049	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2051	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2052	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	JCC5062	JCC5062	JCC5062	JCC5062	OPEN	OPEN	OPEN	OPEN
C2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MM1593 DF-X	MM1593 DF-X	MM1593 DF-X	MM1593 DF-X	OPEN	OPEN	OPEN	OPEN
R2054	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2030	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2031	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2032	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2143	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2146	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2053	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2058	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2061	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2064	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2147	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2149	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2150	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (ATSC CONNECT MODEL/ etc)

ATSC	–	–	–	ATSC CONNECT	–	–	–	–	–	–	–	–	–	–	–
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RA2012	OPEN	OPEN	OPEN	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA2013	OPEN	OPEN	OPEN	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2121	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2122	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2123	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2125	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2128	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

#3 DIFFERENCE LIST (ATSC or BS·DTV CONNECT MODEL/ etc)

ATSC /BS·DTV	–	–	–	ATSC CONNECT	–	–	–	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	–	–	–	–
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN005	OPEN	OPEN	OPEN	QGB0603L1 -B0	OPEN	OPEN	OPEN	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	OPEN	OPEN	OPEN	OPEN
R2056	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2057	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2106	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
K2106	OPEN	OPEN	OPEN	NQR0489 -002X	OPEN	OPEN	OPEN	NQR0489 -002X	NQR0489 -002X	NQR0489 -002X	NQR0489 -002X	OPEN	OPEN	OPEN	OPEN
D2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2102	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2103	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2104	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2105	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2027	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2028	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

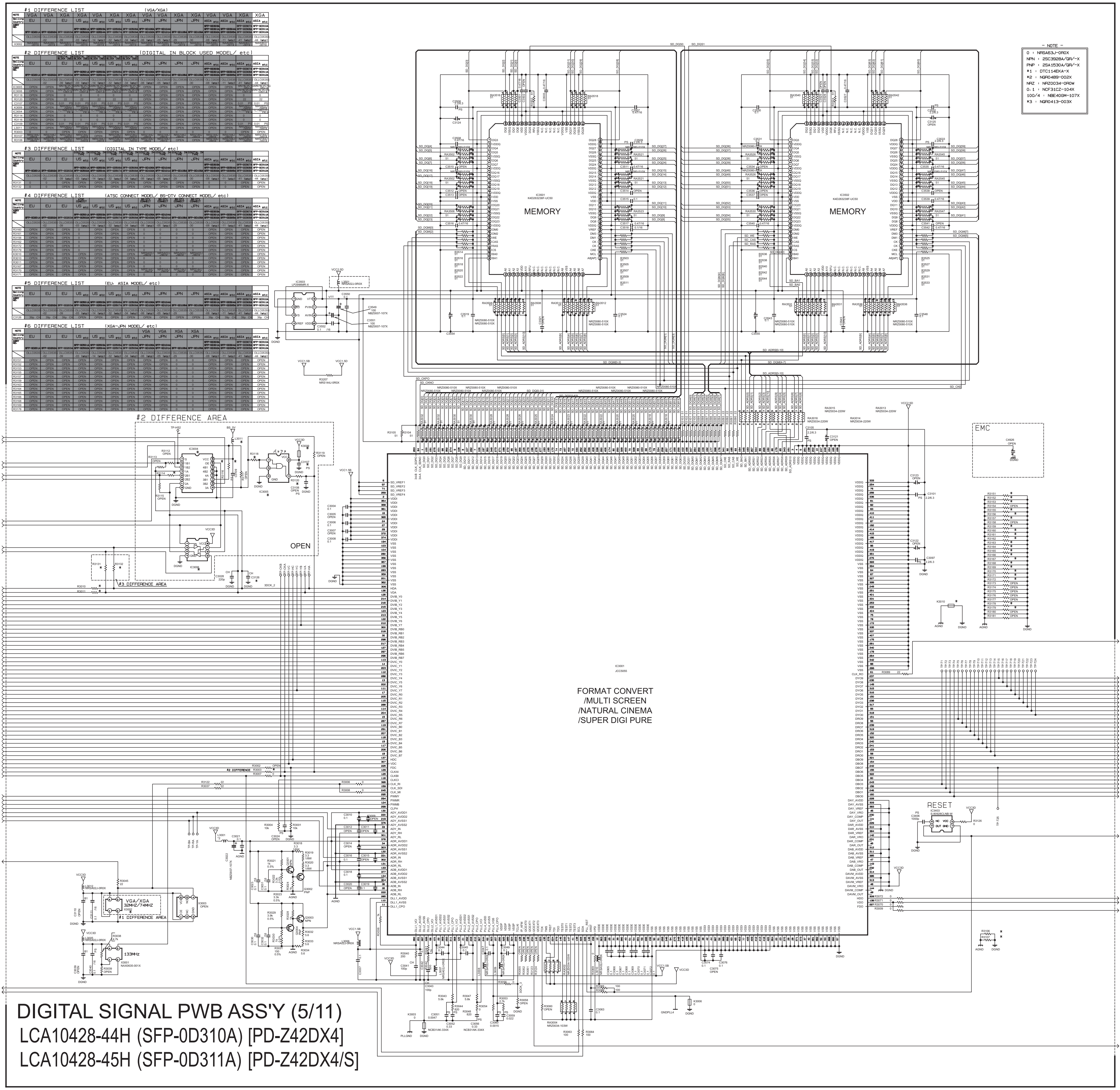
#4 DIFFERENCE LIST (VGA-BS·DTV CONNECT MODEL/ XGA-BS·DTV CONNECT MODEL/ etc)

BS·DTV	–	–	–	–	–	–	–	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	–	–	–	–
NOTE	VGA	VGA	XGA	XGA	VGA	XGA	XGA	VGA	VGA	XGA	XGA	VGA	VGA	XGA	XGA
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
X2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0637 -001X	NAX0637 -001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2055	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C2035	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16 CF	0.1/16 CF	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
L2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	OPEN	OPEN	OPEN	OPEN
IC2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	SN74LVC1G 08K-X	SN74LVC1G 08K-X	OPEN	OPEN	OPEN	OPEN
R2147	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2148	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	OPEN	OPEN	OPEN
C2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16 CF	0.1/16 CF	OPEN	OPEN	OPEN	OPEN

#5 DIFFERENCE LIST (DIGITAL IN MODEL/ etc)

NOTE	–	–	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	–	–	DEGITAL IN MODEL	DEGITAL IN MODEL
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RB2001	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN
RB2002	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN
RB2003	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN
R2010	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	OPEN	OPEN
K2104	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X
K2107	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) SHEET 12

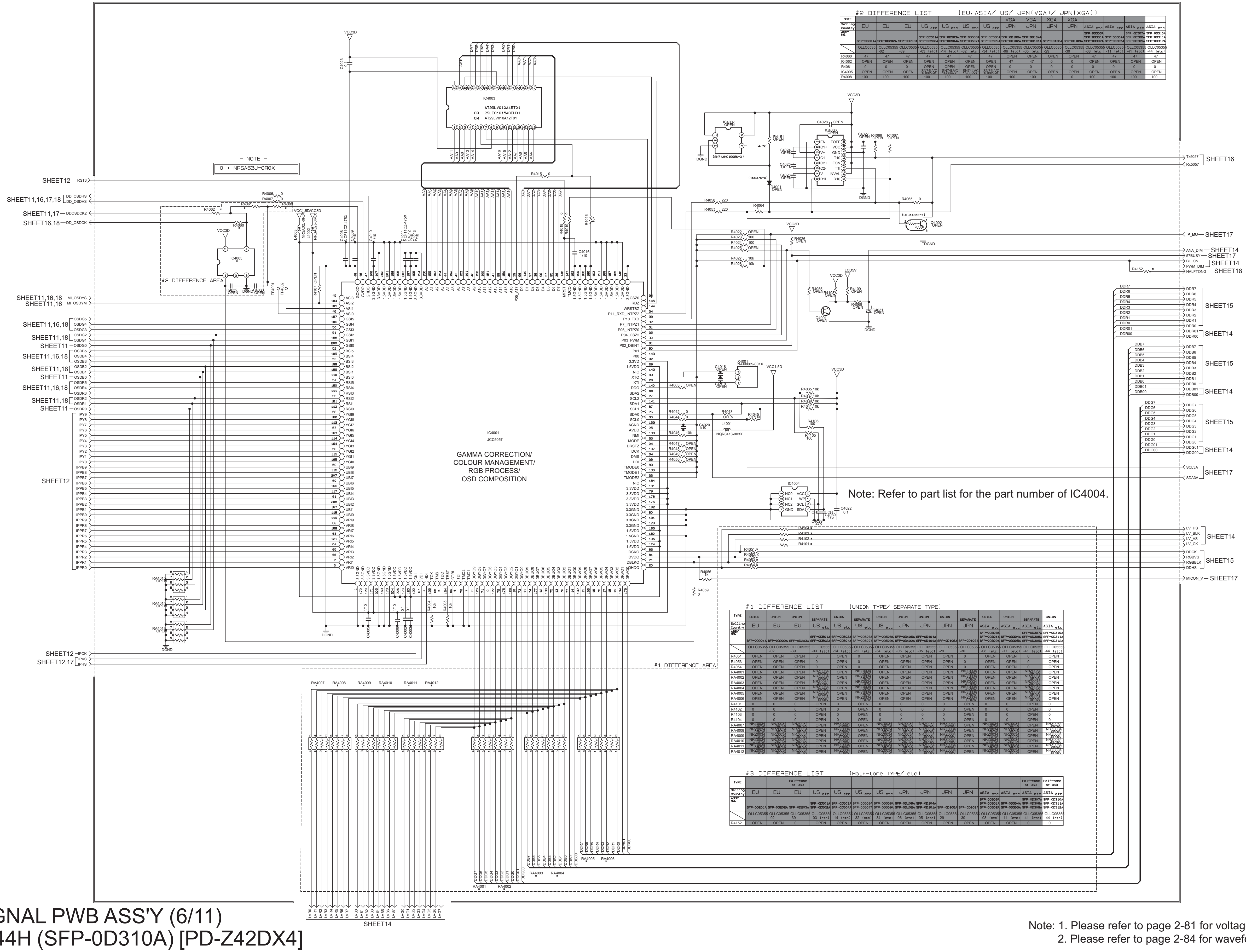

#1 DIFFERENCE LIST
#2 DIFFERENCE LIST
#3 DIFFERENCE LIST
#4 DIFFERENCE LIST
#5 DIFFERENCE LIST
#6 DIFFERENCE LIST
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : DTC114EKA-X
*2 : NQR0489-002X
NRZ : NRZ0034-0R0W
0.1 : NCF31CZ-104X
100/4 : NBE40GM-107X
*3 : NQR0413-003X
MEMORY
MEMORY
#2 DIFFERENCE AREA
#3 DIFFERENCE AREA
#1 DIFFERENCE AREA
OPEN
EMC
RESET
VGA/XGA
32MHZ/74MHZ
133MHZ
FORMAT CONVERT
/MULTI SCREEN
/NATURAL CINEMA
/SUPER DIGI PURE
SHEET11
SHEET17
SHEET11,18
SHEET11
SHEET10
SHEET11
SHEET10
SHEET11
SHEET10
SHEET9
SHEET11
SHEET17
SHEET13
SHEET11,13
SHEET17
SHEET11

DIGITAL SIGNAL PWB ASS'Y (5/11)

LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

s10213001c_0930_3/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) SHEET 13



- NOTE -
0 : NRSA63J-0R0X

Note: Refer to part list for the part number of IC4004.

#2 DIFFERENCE LIST (EU, ASIA/ US/ JPN(VGA)/ JPN(XGA))

NOTE								VGA	VGA	XGA	XGA				
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4060	47	47	47	47	47	47	47	OPEN	OPEN	OPEN	OPEN	47	47	47	47
R4062	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47	0	0	OPEN	OPEN	OPEN	OPEN
R4061	0	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0	0	0	0	0
IC4005	OPEN	OPEN	OPEN	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R4008	100	100	100	100	100	100	100	100	100	0	0	100	100	100	100

#1 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4051	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R4053	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R4054	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
RA4001	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN
RA4002	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN
RA4003	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN
RA4004	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN
RA4005	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN
RA4006	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN
R4101	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4102	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4103	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4104	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
RA4007	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA4008	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA4009	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA4010	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA4011	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA4012	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W

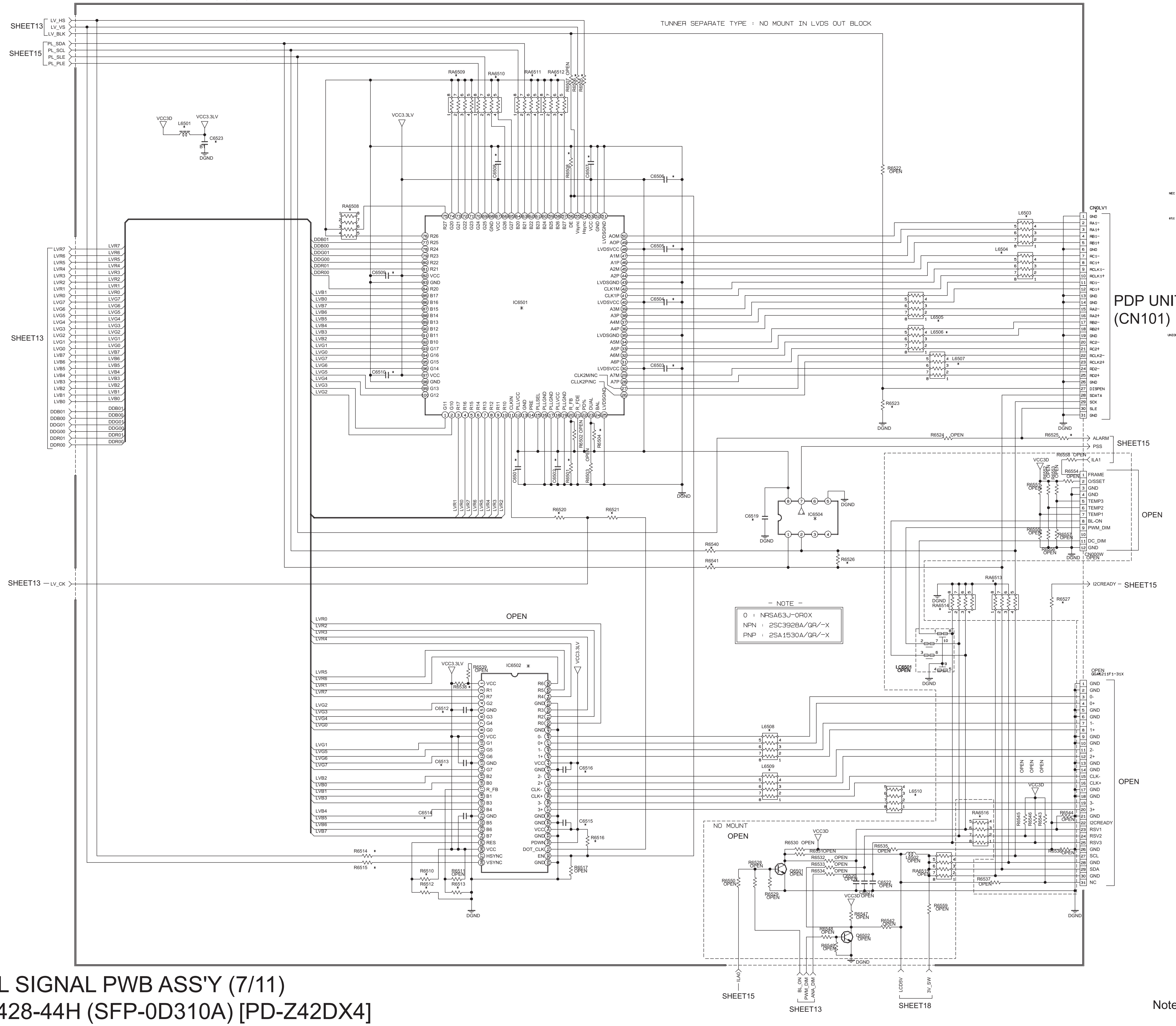
#3 DIFFERENCE LIST (Half-tone TYPE/ etc)

TYPE			Half-tone of OSD											Half-tone of OSD	Half-tone of OSD
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4152	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

DIGITAL SIGNAL PWB ASS'Y (6/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 14



TUNNER SEPARATE TYPE : NO MOUNT IN LVDS OUT BLOCK
SHEET13
LV_HS
LV_VS
LV_BLK
SHEET15
PL_SDA
PL_SCL
PL_SLE
PL_PLE
VCC3D
VCC3.3LV
L6501
C6523
DGND
RA6508
RA6509
RA6510
RA6511
RA6512
IC6501
C6501
C6502
C6503
C6504
C6505
C6506
C6507
C6508
C6509
C6510
R6522 OPEN
R6523
L6503
L6504
L6505
L6506
L6507
CN0LV1
PDP UNIT
(CN101)
GND
RA1-
RA1+
RB1-
RB1+
RC1-
RC1+
RCLK1-
RCLK1+
RD1-
RD1+
RA2-
RA2+
RB2-
RB2+
RC2-
RC2+
RCLK2-
RCLK2+
RD2-
RD2+
DISPEN
SDATA
SCK
SLE
R6524 OPEN
R6525
ALARM
PSS
SHEET15
R6558 OPEN
ILA1
FRAME
O/SSET
TEMP3
TEMP2
TEMP1
BL-ON
PWM_DIM
DC_DIM
CN800W OPEN
OPEN
IC6504
C6519
R6520
R6521
R6540
R6541
R6526
RA6513
RA6514
R6527
I2CREADY
LC6501 OPEN
SHEET13 — LV_CK
- NOTE -
O : NRSA63J-0R0X
NPN : 2SC392BA/QR/-X
PNP : 2SA1530A/QR/-X
OPEN
IC6502
VCC3.3LV
R6539 OPEN
R6538
C6512
C6513
C6514
C6515
C6516
R6516
R6517 OPEN
R6514
R6515
R6510
R6511 OPEN
R6512
R6513
L6508
L6509
L6510
OPEN QGA1211F2-31X
CLK-
CLK+
I2CREADY
RSV1
RSV2
RSV3
SCL
SDA
NC
RA6516
R6544 OPEN
R6536 OPEN
R6537 OPEN
NO MOUNT
OPEN
R6530 OPEN
R6531 OPEN
R6532 OPEN
R6533 OPEN
R6534 OPEN
R6535 OPEN
R6528 OPEN
R6529 OPEN
R6550 OPEN
R6547 OPEN
R6548 OPEN
R6549 OPEN
R6542 OPEN
R6555 OPEN
R6556 OPEN
Q6501 OPEN
Q6502 OPEN
C6520 OPEN
C6521 OPEN
C6522 OPEN
SHEET15
ILA0
SHEET13
BL_ON
PWM_DIM
ANA_DIM
SHEET18
LCDSV
3V_SW

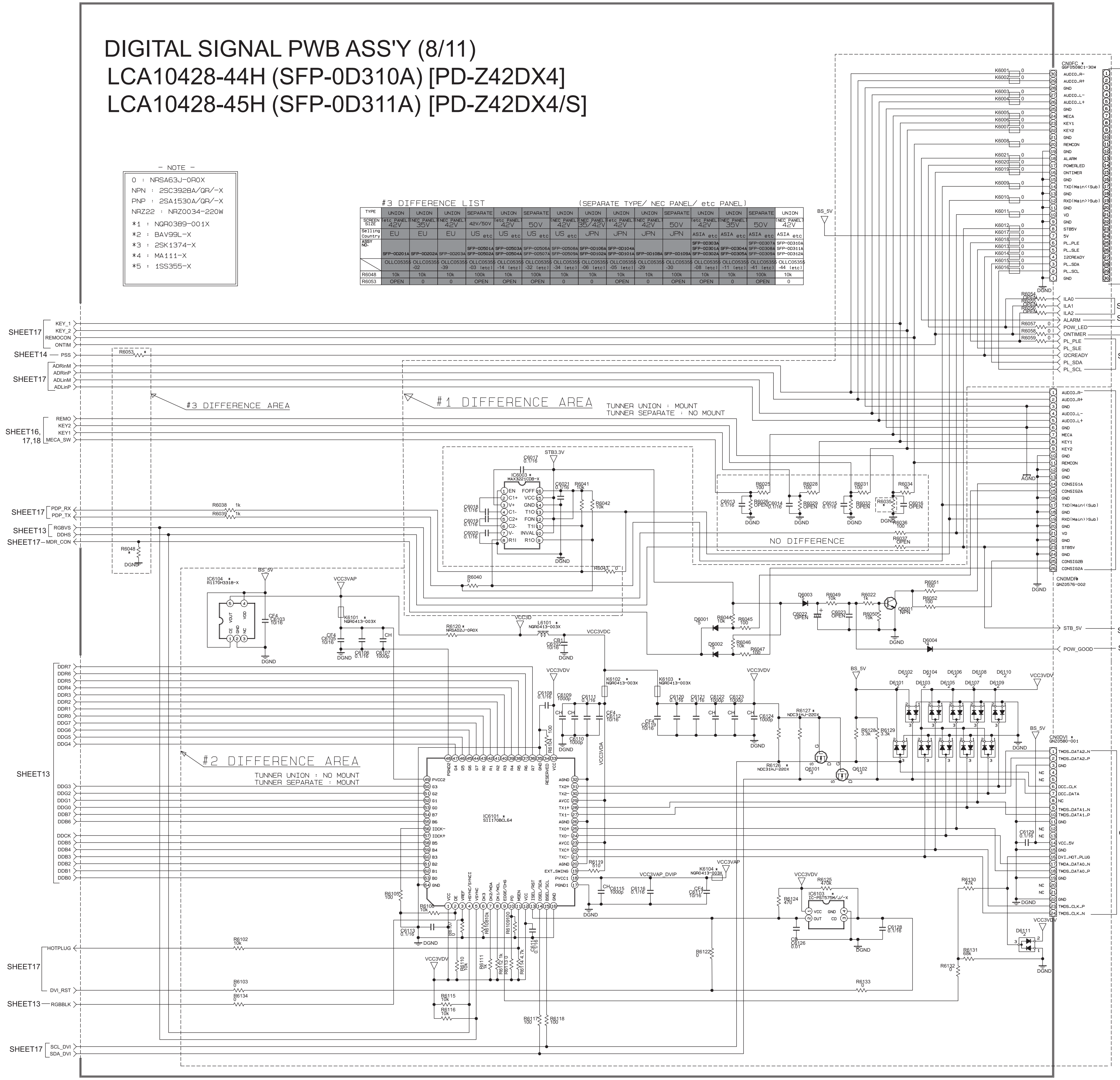
	* DIFFERENCE LIST	(SEPARATE TYPE NEC PANEL etc PANEL														
	TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
	SCREEN SIZE	(etc PANEL) 42V	(NEC PANEL) 35V	(NEC PANEL) 42V	42/50V	(etc PANEL) 42V	50V	(NEC PANEL) 42V	(NEC PANEL) 35/42V	(etc PANEL) 42V	(NEC PANEL) 42V	50V	(etc PANEL) 42V	(NEC PANEL) 35V	50V	(NEC PANEL) 42V
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
NEC PANEL: MOUNT	CN0LV1	OPEN	QGA1211F2-31X	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	QGA1211F2-31X	OPEN	QGA1211F2-31X	OPEN	OPEN	QGA1211F2-31X	OPEN	QGA1211F2-31X
	IC6501	OPEN	DS90C387VJD	DS90C387VJD	OPEN	OPEN	OPEN	DS90C387VJD	DS90C387VJD	OPEN	DS90C387VJD	OPEN	OPEN	DS90C387VJD	OPEN	DS90C387VJD
	IC6504	OPEN	DS90LV018ATM-X	DS90LV018ATM-X	OPEN	OPEN	OPEN	DS90LV018ATM-X	DS90LV018ATM-X	OPEN	DS90LV018ATM-X	OPEN	OPEN	DS90LV018ATM-X	OPEN	DS90LV018ATM-X
	L6503	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	L6504	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	L6505	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	L6506	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	L6507	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	C6501	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6502	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6503	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6504	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6505	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6506	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6507	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6508	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6509	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6510	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	C6519	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
	R6501	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
	R6504	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
	R6505	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
	R6506	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
	R6508	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0
	R6520	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0
	R6523	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
	R6525	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
	R6526	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
	RA6508	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	RA6509	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	RA6510	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	RA6511	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
	RA6512	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
etc PANEL: MOUNT	CN0LV2	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	OPEN
	IC6502	THC63LVDM83R-W	OPEN	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	OPEN
	L6508	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
	L6509	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
	L6510	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
	C6512	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
	C6513	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
	C6514	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
	C6515	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
	C6516	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
	R6510	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	OPEN	OPEN
	R6512	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	OPEN	OPEN
	R6513	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
	R6514	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
	R6515	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
	R6516	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
	R6521	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
	R6527	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
	R6538	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
	RA6513	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
	RA6514	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
	RA6516	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
	R6540	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
	R6541	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
UNION TYPE: MOUNT	L6501	NQR0351-001X	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X	OPEN	NQR0351-001X	NQR0351-001X	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X
	C6523	10/10 B1	10/10 B1	10/10 B1	OPEN	10/10 B1	OPEN	10/10 B1	10/10 B1	10/10 B1	10/10 B1	OPEN	10/10 B1	10/10 B1	OPEN	10/10 B1

DIGITAL SIGNAL PWB ASS'Y (7/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (8/11) SHEET 15

DIGITAL SIGNAL PWB ASS'Y (8/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]



- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NRZ22 : NRZ0034-220W
*1 : NQR0389-001X
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X

#3 DIFFERENCE LIST (SEPARATE TYPE/ NEC PANEL/ etc PANEL)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
SCREEN SIZE	(etc PANEL) 42V	(NEC PANEL) 35V	(NEC PANEL) 42V	42V/50V	(etc PANEL) 42V	50V	(NEC PANEL) 42V	(NEC PANEL) 35/42V	(etc PANEL) 42V	(NEC PANEL) 42V	50V	(etc PANEL) 42V	(NEC PANEL) 35V	50V	(NEC PANEL) 42V
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R6048	10k	10k	10k	100k	10k	100k	10k	10k	10k	10k	100k	10k	10k	100k	10k
R6053	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0

#1 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN0FC	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W
K6001	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6002	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6003	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6004	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6005	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6006	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6007	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6008	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6009	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6010	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6011	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6012	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6013	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6014	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6015	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6016	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6017	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6018	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6019	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6020	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6021	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6057	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6058	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6059	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6040	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6043	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0

#2 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R6102	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6103	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6104	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6105	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6106	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6107	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6108	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6109	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6110	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6111	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
R6112	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
R6113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6114	OPEN	OPEN	OPEN	4.7k	OPEN	4.7k	OPEN	OPEN	OPEN	OPEN	4.7k	OPEN	OPEN	4.7k	OPEN
R6115	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6116	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6117	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6118	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6119	OPEN	OPEN	OPEN	510	OPEN	510	OPEN	OPEN	OPEN	OPEN	510	OPEN	OPEN	510	OPEN
R6120	OPEN	OPEN	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	OPEN
R6122	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6124	OPEN	OPEN	OPEN	470	OPEN	470	OPEN	OPEN	OPEN	OPEN	470	OPEN	OPEN	470	OPEN
R6125	OPEN	OPEN	OPEN	470k	OPEN	470k	OPEN	OPEN	OPEN	OPEN	470k	OPEN	OPEN	470k	OPEN
R6126	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	NDC31HJ -220X	OPEN	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	OPEN	NDC31HJ -220X	OPEN
R6127	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	NDC31HJ -220X	OPEN	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	OPEN	NDC31HJ -220X	OPEN
R6128	OPEN	OPEN	OPEN	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN	3.3k	OPEN
R6129	OPEN	OPEN	OPEN	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN	3.3k	OPEN
R6130	OPEN	OPEN	OPEN	47k	OPEN	47k	OPEN	OPEN	OPEN	OPEN	47k	OPEN	OPEN	47k	OPEN
R6131	OPEN	OPEN	OPEN	68k	OPEN	68k	OPEN	OPEN	OPEN	OPEN	68k	OPEN	OPEN	68k	OPEN
R6132	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6133	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6134	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
Q6101	OPEN	OPEN	OPEN	*3	OPEN	*3	OPEN	OPEN	OPEN	OPEN	*3	OPEN	OPEN	*3	OPEN
Q6102	OPEN	OPEN	OPEN	*3	OPEN	*3	OPEN	OPEN	OPEN	OPEN	*3	OPEN	OPEN	*3	OPEN
L6101	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6101	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6102	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6103	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6104	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
IC6101	OPEN	OPEN	OPEN	SII170BCL 64	OPEN	SII170BCL 64	OPEN	OPEN	OPEN	OPEN	SII170BCL 64	OPEN	OPEN	SII170BCL 64	OPEN
IC6103	OPEN	OPEN	OPEN	IC-PST575M J/J-X	OPEN	IC-PST575M J/J-X	OPEN	OPEN	OPEN	OPEN	IC-PST575M J/J-X	OPEN	OPEN	IC-PST575M J/J-X	OPEN
IC6104	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6103	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6104	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6105	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6106	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6107	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6108	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6109	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6110	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6111	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
C6102	OPEN	OPEN	OPEN	10/10 CB1	OPEN	10/10 CB1	OPEN	OPEN	OPEN	OPEN	10/10 CB1	OPEN	OPEN	10/10 CB1	OPEN
C6103	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6105	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6106	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6107	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6108	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6109	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6110	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6111	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6112	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6113	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6114	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6115	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6116	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6117	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6119	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6120	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6121	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6122	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6123	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6124	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6128	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6129	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
CN0DVI	OPEN	OPEN	OPEN	QNZ0580 -001	OPEN	QNZ0580 -001	OPEN	OPEN	OPEN	OPEN	QNZ0580 -001	OPEN	OPEN	QNZ0580 -001	OPEN
IC6003	OPEN	OPEN	OPEN	MAX3221CDB -X	OPEN	MAX3221CDB -X	OPEN	OPEN	OPEN	OPEN	MAX3221CDB -X	OPEN	OPEN	MAX3221CDB -X	OPEN
C6017	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6018	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6019	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6020	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6021	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
R6041	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6042	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6044	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6045	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6046	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6047	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6049	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6050	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6051	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6052	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
D6001	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6002	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6003	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6004	OPEN	OPEN	OPEN	*4	OPEN	*4	OPEN	OPEN	OPEN	OPEN	*4	OPEN	OPEN	*4	OPEN
R6022	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
Q6001	OPEN	OPEN	OPEN	NPN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	NPN	OPEN
CN0MDR	OPEN	OPEN	OPEN	QNZ0576 -002	OPEN	QNZ0576 -002	OPEN	OPEN	OPEN	OPEN	QNZ0576 -002	OPEN	OPEN	QNZ0576 -002	OPEN
R6035	OPEN	OPEN	OPEN	33k	OPEN	33k	OPEN	OPEN	OPEN	OPEN	33k	OPEN	OPEN	33k	OPEN
R6034	1k	1k	1k	6.8k	1k	6.8k	1k	1k	1k	1k	6.8k	1k	1k	6.8k	1k

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (9/11) SHEET 16

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

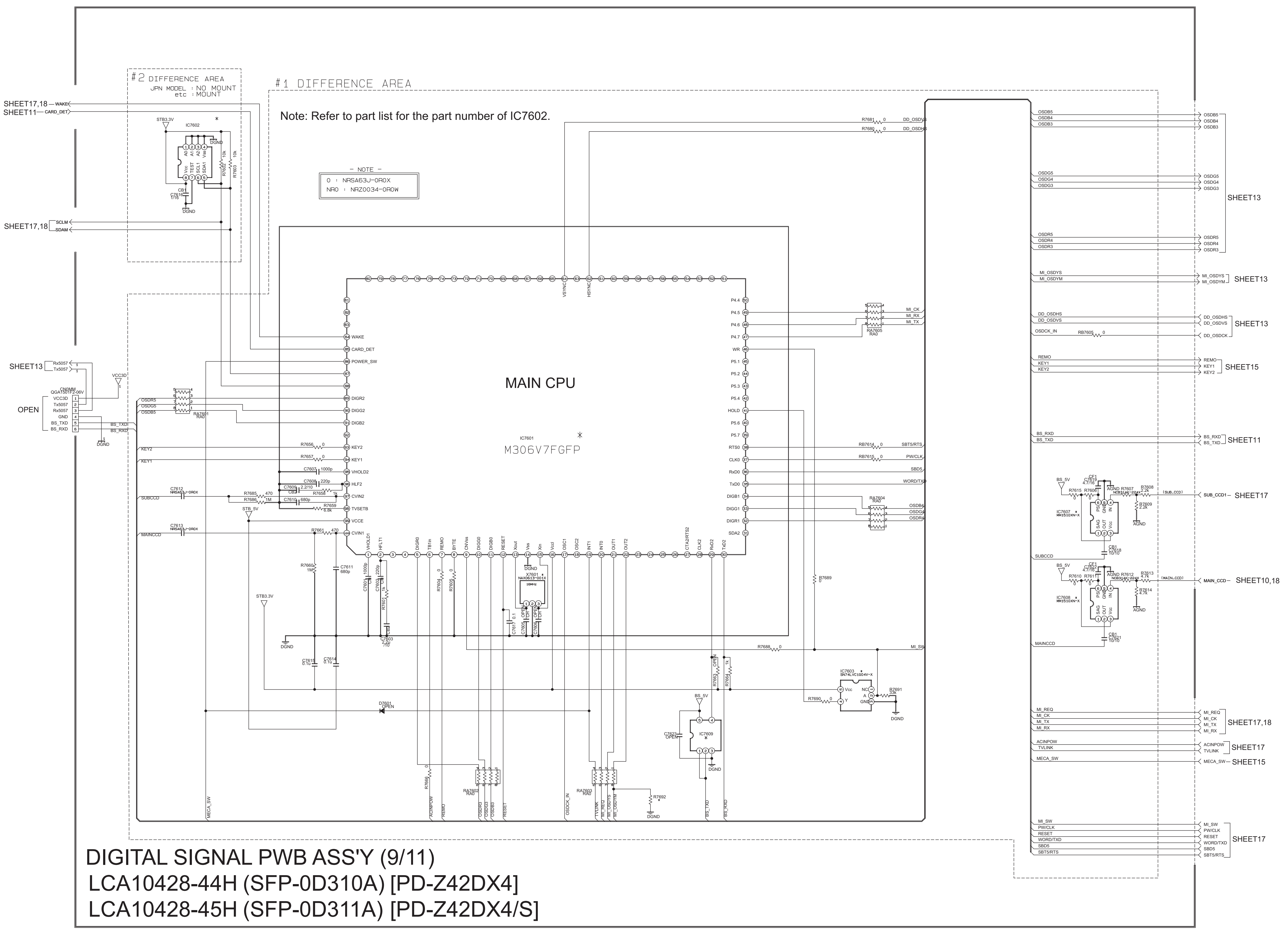
※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (US MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
X7601	OPEN	OPEN	OPEN	NAX0613 -001X	NAX0613 -001X	NAX0613 -001X	NAX0613 -001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7602	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7603	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7604	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7604	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7606	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7607	OPEN	OPEN	OPEN	NCB31AK -224X	NCB31AK -224X	NCB31AK -224X	NCB31AK -224X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7608	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7609	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7610	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7611	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7612	OPEN	OPEN	OPEN	NCB31AK -224X	NCB31AK -224X	NCB31AK -224X	NCB31AK -224X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7613	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7656	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7657	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7658	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7659	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7660	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7661	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7664	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7666	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7680	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7681	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7685	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7686	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7688	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7689	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7690	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7691	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7601	OPEN	OPEN	OPEN	M306V7 FGFP	M306V7 FGFP	M306V7 FGFP	M306V7 FGFP	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7603	OPEN	OPEN	OPEN	SN74LVC1G 04V-X	SN74LVC1G 04V-X	SN74LVC1G 04V-X	SN74LVC1G 04V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7607	OPEN	OPEN	OPEN	MM1510 XN-X	MM1510 XN-X	MM1510 XN-X	MM1510 XN-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7608	OPEN	OPEN	OPEN	MM1510 XN-X	MM1510 XN-X	MM1510 XN-X	MM1510 XN-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7602	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7603	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7607	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7608	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7609	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7610	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7611	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7612	OPEN	OPEN	OPEN	NRSA63J -0R0X	NRSA63J -0R0X	NRSA63J -0R0X	NRSA63J -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7613	OPEN	OPEN	OPEN	NRSA63J -0R0X	NRSA63J -0R0X	NRSA63J -0R0X	NRSA63J -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7617	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7618	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7619	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7621	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7622	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7692	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	10k	10k	10k	10k
IC7609	OPEN	OPEN	OPEN	SN74AHC1 1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	USED
IC7602	24LC32A-I /SN-X	24LC32A-I /SN-X	24LC32A-I /SN-X	24LC16B /SN-X	24LC16B /SN-X	24LC16B /SN-X	24LC16B /SN-X	OPEN	OPEN	OPEN	OPEN	24LC32A-I /SN-X	24LC32A-I /SN-X	24LC32A-I /SN-X	24LC32A-I /SN-X
R7602	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
R7603	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
C7616	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	OPEN	OPEN	OPEN	OPEN	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1

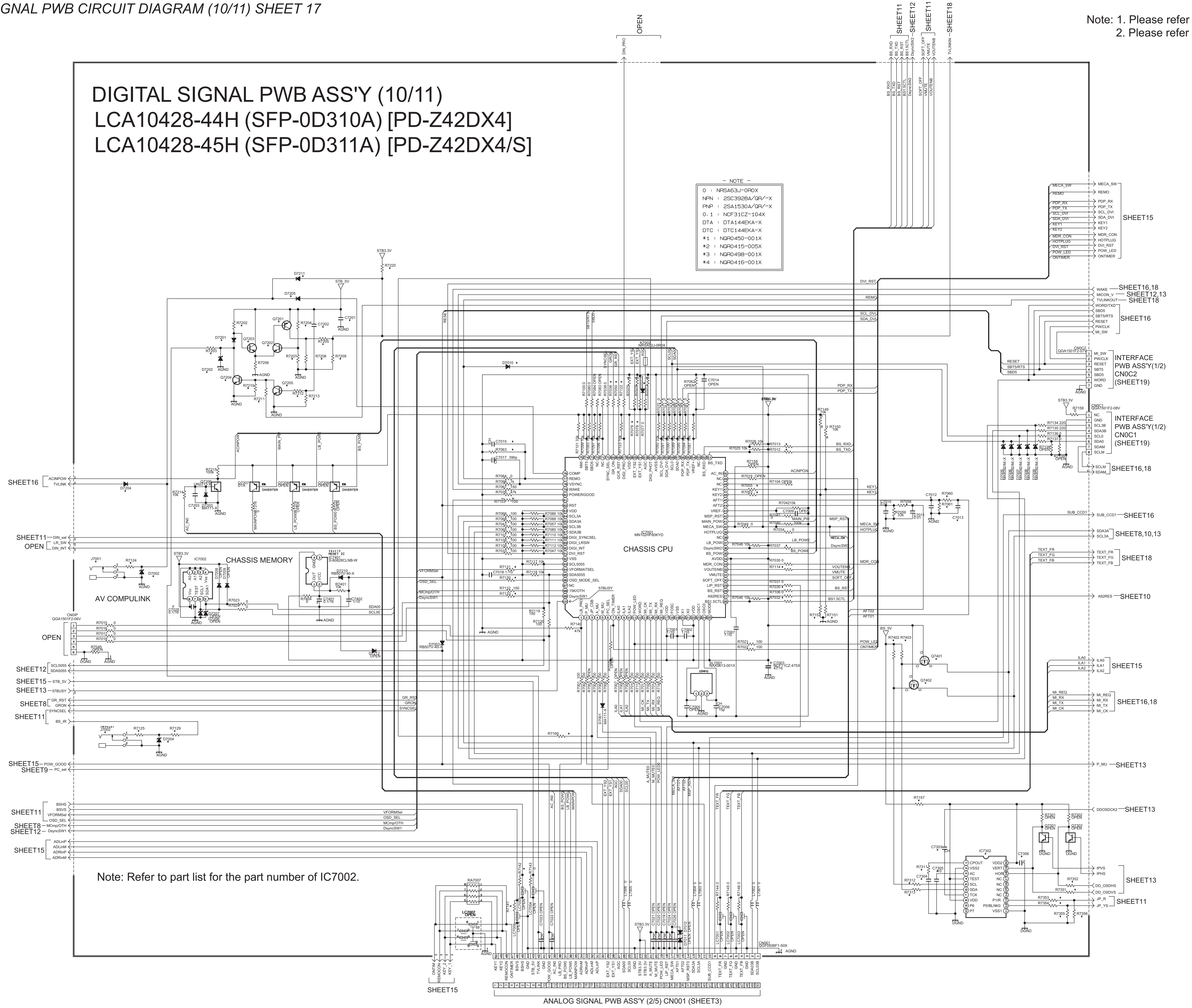


DIGITAL SIGNAL PWB ASS'Y (9/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

s10213001c_0930_5/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (10/11) SHEET 17

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.



DIGITAL SIGNAL PWB ASS'Y (10/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X
DTC : DTC144EKA-X
*1 : NQR0450-001X
*2 : NQR0415-005X
*3 : NQR0498-001X
*4 : NQR0416-001X

Note: Refer to part list for the part number of IC7002.

#3 DIFFERENCE LIST (BS-DTV OR ATSC CONNECT MODEL/etc)

	ATSC /BS・DTV	–	–	–	ATSC CONNECT	–	–	–	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	–	–	–	–
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
VS	R7141	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
HS	R7142	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
ENB	R7114	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
CTL	R7032	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
RST	R7030	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

#4 DIFFERENCE LIST (DIGITAL_IN BLOCK USED MODEL/ etc)

	NOTE			DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED								
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
*DIN_PRO	R7122	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
*DIGI_P-HOT	R7160	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

#5 DIFFERENCE LIST (DIGITAL IN MODEL/etc)

	NOTE			DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL			DIGITAL IN MODEL	DIGITAL IN MODEL
	Selling Country	EU	EU	EU	US etc	US etc			JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
DsyncSW2	R7037	OPEN	OPEN	0	0	0	0	0	0	0	0	0	OPEN	OPEN	0	0
DsyncSW1	R7133	OPEN	OPEN	0	0	0	0	0	0	0	0	0	OPEN	OPEN	0	0

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R7012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7050	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7036	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
C7015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.001	0.001	0.001	0.001	OPEN	OPEN	OPEN	OPEN
R7063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100K	100K	100K	100K	OPEN	OPEN	OPEN	OPEN
J7002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	OPEN	OPEN	OPEN	OPEN
R7125	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47	47	47	OPEN	OPEN	OPEN	OPEN
R7131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
D7004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA8082 /M/-X	MA8082 /M/-X	MA8082 /M/-X	MA8082 /M/-X	OPEN	OPEN	OPEN	OPEN
Q7401	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X	2SK1374-X	2SK1374-X	OPEN	OPEN	OPEN	OPEN
Q7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X	2SK1374-X	2SK1374-X	OPEN	OPEN	OPEN	OPEN
IC7302	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	M35047 -069FP-X	M35047 -069FP-X	M35047 -069FP-X	M35047 -069FP-X	OPEN	OPEN	OPEN	OPEN
R7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN
R7403	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN
R7311	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k	1k	1k	OPEN	OPEN	OPEN	OPEN
R7312	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	100	100	OPEN	OPEN	OPEN	OPEN
R7313	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	100	100	OPEN	OPEN	OPEN	OPEN
C7303	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000p CH	1000p CH	1000p CH	1000p CH	OPEN	OPEN	OPEN	OPEN
C7304	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.01	0.01	0.01	0.01	OPEN	OPEN	OPEN	OPEN
C7305	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10	1/10	1/10	OPEN	OPEN	OPEN	OPEN
C7306	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1 F	0.1 F	0.1 F	0.1 F	OPEN	OPEN	OPEN	OPEN
R7351	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R7352	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R7353	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN
R7354	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN
R7355	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k	12k	12k	OPEN	OPEN	OPEN	OPEN
R7356	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k	12k	12k	OPEN	OPEN	OPEN	OPEN
R7157	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
D7205	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN
D7010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN
R7130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (EU MODEL/ etc)

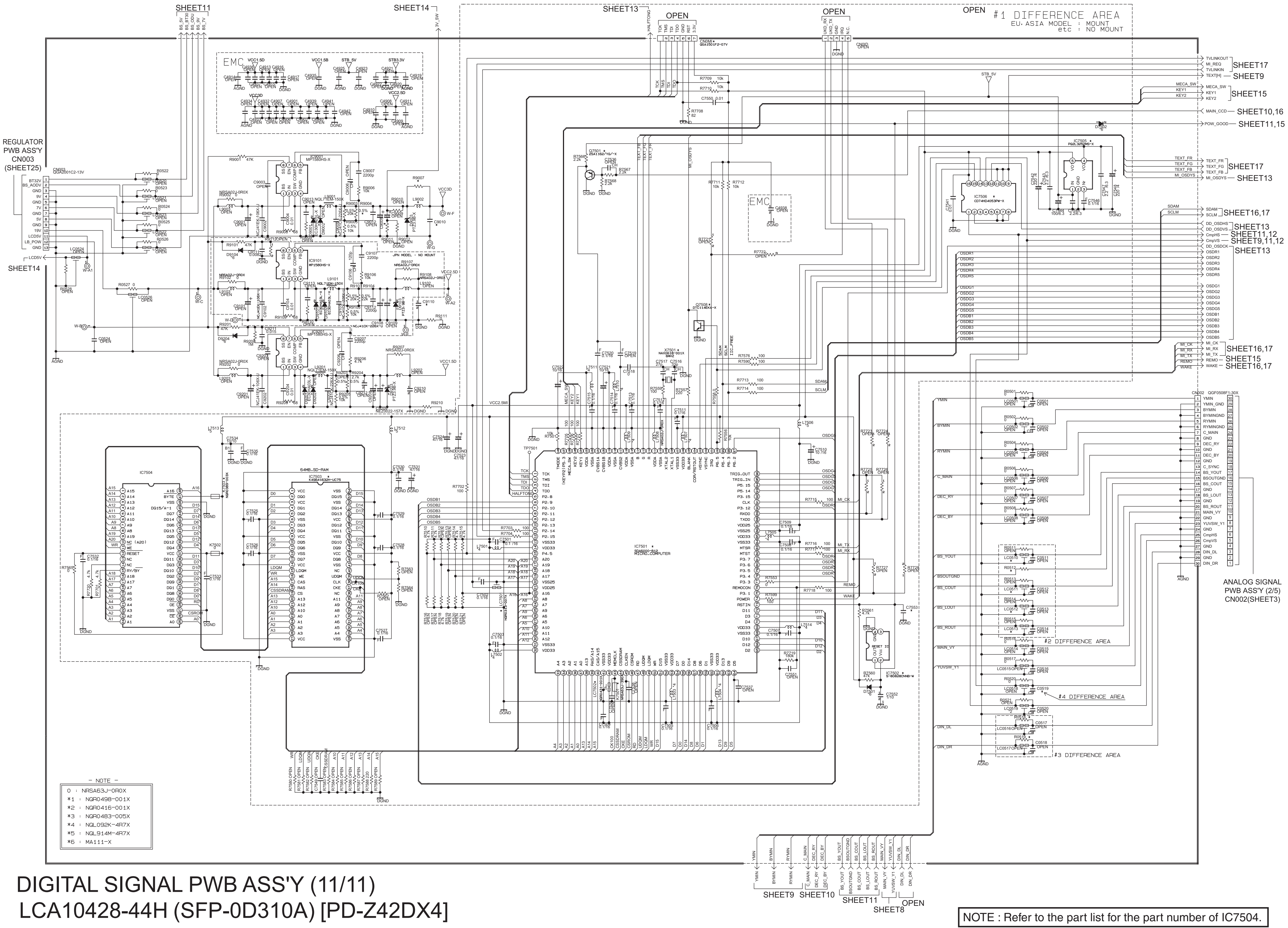
NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
Q7201	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7202	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7203	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7204	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7205	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D7201	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D7202	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7201	1/10	1/10	1/10	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7202	0.1	0.1	0.1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7202	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7203	220	220	220	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7204	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7205	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7206	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7207	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7208	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7209	1.5k	1.5k	1.5k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7210	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7211	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7212	47k	47k	47k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7213	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7078	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7079	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
J7001	OPEN	OPEN	OPEN	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001
D7002	OPEN	OPEN	OPEN	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X
R7124	OPEN	OPEN	OPEN	100	100	100	100	100	100	100	100	100	100	100	100

#6 DIFFERENCE LIST

	NOTE			DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL				
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
AFT2	R7058	1k	1k	1k	22k	22k	22k	22k	1k	1k	1k	1k	1k	1k	1k	1k
TV_LINK	D7204	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
TVLINKIN	D7211	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X
STB3.3V-TVLINKIN	R7220	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	18k	18k	18k	18k
KEY1-GND	R7151	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	27k	27k	27k	27k
KEY2-GND	R7152	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	27k	27k	27k	27k
MECA_SW-GND	R7040	33k	33k	33k	100k	100k	100k	100k	100k	100k	100k	100k	33k	33k	33k	33k
KEY2	R7053	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	100	100	100	100	OPEN	OPEN	OPEN	OPEN
KEY1	R7055	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	100	100	100	100	OPEN	OPEN	OPEN	OPEN
AGC-GND	R7073	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
EXT_YS1-GND	R7074	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
EXT_YS2-GND	R7075	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
AFT1	C7012	1/10	1/10	1/10	0.01	0.015/16	0.01	0.015/16	1/10	1/10	1/10	1/10	0.1/16	0.1/16	0.1/16	0.1/16
AFT1	R7060	47k	47k	47k	22k	22k	22k	22k	33k	33k	33k	33k	47k	47k	47k	47k
AFT1	R7061	100k	100k	100k	OPEN	33k	OPEN	33k	150k	150k	150k	150k	100k	100k	100k	100k
AFT1	C7013	0.01	0.01	0.01	OPEN	OPEN	OPEN	OPEN	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
※	C7203	F 0.1/16	F 0.1/16	F 0.1/16	0.047/16	0.047/16	0.047/16	F 0.1/16	F 0.1/16	0.039/16	F 0.1/16	0.039/16	F 0.1/16	F 0.1/16	0.047/16	F 0.1/16
	D7013	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

s10213001c_0930_11/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET 18



- NOTE -
0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : MA111-X

DIGITAL SIGNAL PWB ASS'Y (11/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

NOTE : Refer to the part list for the part number of IC7504.

※The blank part of a difference list : Refer to circuit block.

#5 DIFFERENCE LIST (ATSC OR BS-DTV CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C9102	NCJ41EK-106X-U	NCJ41EK-106X-U	NCJ41EK-106X-U	OPEN	NCJ41EK-106X-U	NCJ41EK-106X-U	NCJ41EK-106X-U	OPEN	OPEN	OPEN	OPEN	NCJ41EK-106X-U	NCJ41EK-106X-U	NCJ41EK-106X-U	NCJ41EK-106X-U
C9104				OPEN				OPEN	OPEN	OPEN	OPEN				
C9105	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U
C9106				OPEN				OPEN	OPEN	OPEN	OPEN				
C9107				OPEN				OPEN	OPEN	OPEN	OPEN				
C9108	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U
C9111				OPEN				OPEN	OPEN	OPEN	OPEN				
C9112				OPEN				OPEN	OPEN	OPEN	OPEN				
D9101	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN	OPEN	OPEN	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X
D9102	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN	OPEN	OPEN	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X
D9103	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN	OPEN	OPEN	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X
D9104				OPEN				OPEN	OPEN	OPEN	OPEN				
IC9101	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN	OPEN	OPEN	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	MP1580HS-X
L9101	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X	OPEN	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X	OPEN	OPEN	OPEN	OPEN	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X
R9101				OPEN				OPEN	OPEN	OPEN	OPEN				
R9102	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
R9103				OPEN				OPEN	OPEN	OPEN	OPEN				
R9104				OPEN				OPEN	OPEN	OPEN	OPEN				
R9105				OPEN				OPEN	OPEN	OPEN	OPEN				
R9106				OPEN				OPEN	OPEN	OPEN	OPEN				
R9107	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
R9108	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
R9109				OPEN				OPEN	OPEN	OPEN	OPEN				
R9208	1M	1M	1M	470k	1M	1M	1M	470k	470k	470k	470k	1M	1M	1M	1M

#3 DIFFERENCE LIST (DIGITAL IN BLOCK USED MODEL/ etc)

TYPE	—	—	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	—	—	—	—	—	—	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R0519	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R0518	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

#6 DIFFERENCE LIST (BS-DTV OR ATSC CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C9010	OPEN	OPEN	OPEN	NCJ41CK-226X-U	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN
R9004	120k 0.5%	120k 0.5%	120k 0.5%	150k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%	150k 0.5%	150k 0.5%	150k 0.5%	150k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%
R9007	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
L9002	OPEN	OPEN	OPEN	NQL52EM-100X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C9008	OPEN	OPEN	OPEN	NCJ41CK-226X-U	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN
C9110	OPEN	OPEN	OPEN	NCJ41CK-226X-U	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (ATSC OR BS-DTV CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
LC0510	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0511	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0512	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0513	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
R0512	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

※The blank part of a difference list : Refer to circuit block.

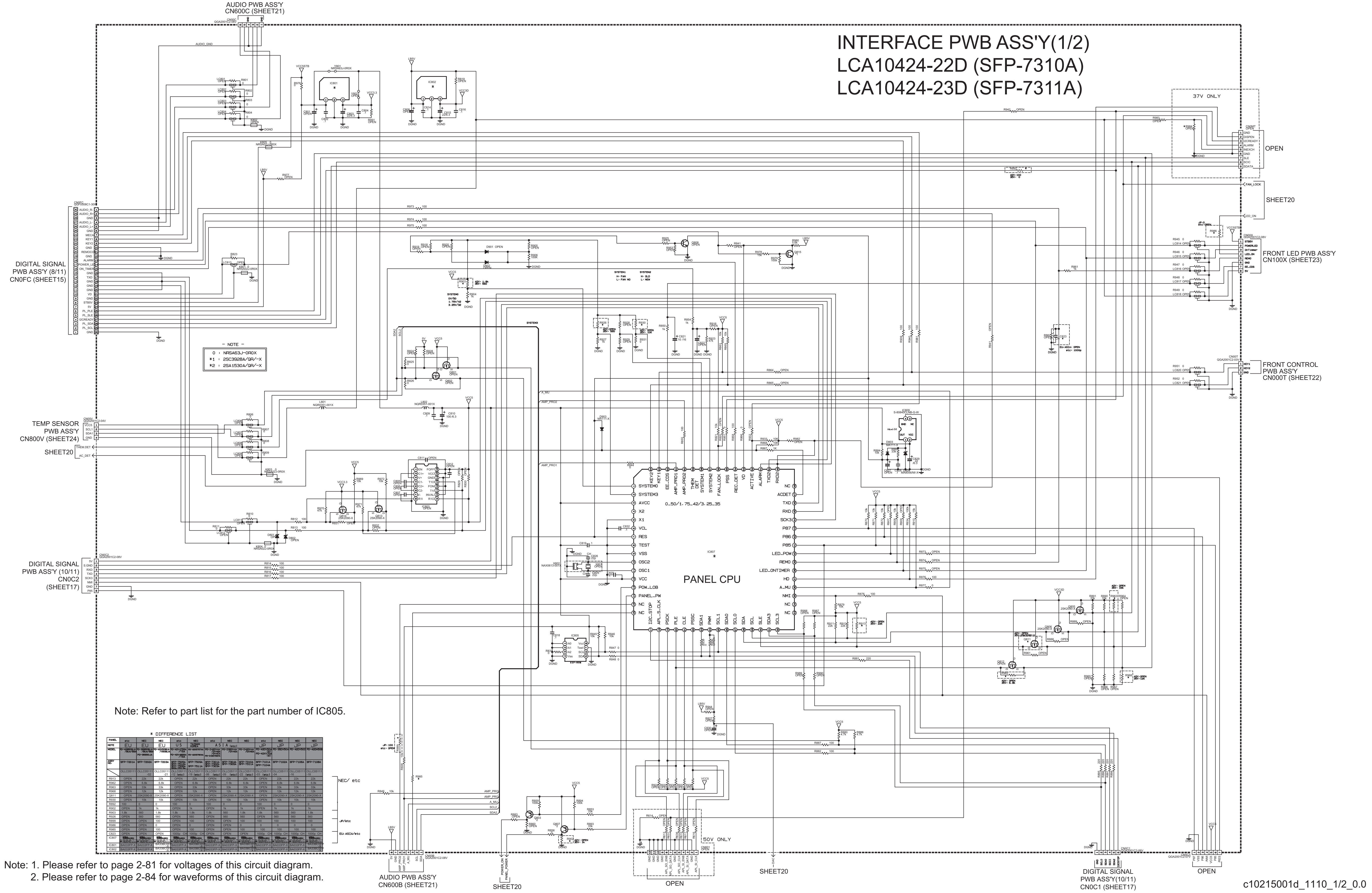
#1 DIFFERENCE LIST (EU,ASIA MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R7701				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7702				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7703				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7704				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7705				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7706				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7707				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7708				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7709				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7710				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7711				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7712				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7713				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7714				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7715				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7716				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7717				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7718				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7720				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
X7501	NAX0618-001X	NAX0618-001X	NAX0618-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0618-001X	NAX0618-001X	NAX0618-001X	NAX0618-001X
TP7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7515				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7516				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7517				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7518				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7519				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7520				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7521				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7553				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7556				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7557				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7558				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7559				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7560				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7561				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7562				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7563				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7564				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7565				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7566				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7567				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7568				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7576				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7580				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7581				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7582				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7583				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7584				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7585				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7586				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7587				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7588				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7589				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7590				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7599				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
Q7501	2SA1162/YG/-X	2SA1162/YG/-X	2SA1162/YG/-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1162/YG/-X	2SA1162/YG/-X	2SA1162/YG/-X	2SA1162/YG/-X
Q7508	DTC114EKA-X	DTC114EKA-X	DTC114EKA-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	DTC114EKA-X	DTC114EKA-X	DTC114EKA-X	DTC114EKA-X
LC7501	NQR0313-007X	NQR0313-007X	NQR0313-007X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0313-007X	NQR0313-007X	NQR0313-007X	NQR0313-007X
LC7502	NQR0431-001X	NQR0431-001X	NQR0431-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0431-001X	NQR0431-001X	NQR0431-001X	NQR0431-001X
L7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7503				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7504				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7505				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7506				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7507				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7508	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
L7509				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
K7501	NRSA63J-390X	NRSA63J-390X	NRSA63J-390X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA63J-390X	NRSA63J-390X	NRSA63J-390X	NRSA63J-390X
K7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
K7503	NQR0389-003X	NQR0389-003X	NQR0389-003X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0389-003X	NQR0389-003X	NQR0389-003X	NQR0389-003X
IC7501	SDA6000-B12	SDA6000-B12	SDA6000-B12	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	SDA6000-B12	SDA6000-B12	SDA6000-B12	SDA6000-B12
IC7502	S-80828CNNB-W	S-80828CNNB-W	S-80828CNNB-W	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	S-80828CNNB-W	S-80828CNNB-W	S-80828CNNB-W	S-80828CNNB-W
IC7503	K4S641632H-UC75	K4S641632H-UC75	K4S641632H-TC75	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	K4S641632H-UC75	K4S641632H-UC75	K4S641632H-TC75	K4S641632H-TC75
IC7504	MR27T1602F1LSTN	MR27T1602F1LSTN	MR27T1602F1LSTN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MR27T1602F1KDTN	MR27T1602F1KDTN	MR27T1602F1KDTN	MR27T1602F1KDTN
IC7505	PQ2L3252MS-X	PQ2L3252MS-X	PQ2L3252MS-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	PQ2L3252MS-X	PQ2L3252MS-X	PQ2L3252MS-X	PQ2L3252MS-X
IC7506	CD74HC4053PW-X	CD74HC4053PW-X	CD74HC4053PW-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	CD74HC4053PW-X	CD74HC4053PW-X	CD74HC4053PW-X	CD74HC4053PW-X
D7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7503				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7504				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7505				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7506				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7507				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7508				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7509				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7515				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7516				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7517				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7518				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7519				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7520				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7521				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7522				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7523				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7524				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7525				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7526				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7527				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7528				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7529				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7530				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7531				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7532				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7533				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7534				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7535				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7536				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7541				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7542				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7543				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7544				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7545				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7546				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7547				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7548				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7549				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7550				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
CN0MI	QGA1501F2-07V	QGA1501F2-07V	QGA1501F2-07V	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	QGA1501F2-07V	QGA1501F2-07V	QGA1501F2-07V	QGA1501F2-07V
C7552				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
D7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7719				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				

#4 DIFFERENCE LIST (EU, ASIA MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C0519	OPEN	OPEN	OPEN	56p	56p	56p	56p	56p	56p	56p	56p	OPEN	OPEN	OPEN	OPEN
C7553	470p	470p	470p	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	470p	470p	470p	470p

INTERFACE PWB CIRCUIT DIAGRAM (1/2) SHEET 19


AUDIO PWB ASS'Y
CN600C (SHEET21)
INTERFACE PWB ASS'Y(1/2)
LCA10424-22D (SFP-7310A)
LCA10424-23D (SFP-7311A)
37V ONLY
OPEN
SHEET20
FRONT LED PWB ASS'Y
CN100X (SHEET23)
FRONT CONTROL
PWB ASS'Y
CN000T (SHEET22)
DIGITAL SIGNAL
PWB ASS'Y (8/11)
CN0FC (SHEET15)
- NOTE -
0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
TEMP SENSOR
PWB ASS'Y
CN800V (SHEET24)
SHEET20
DIGITAL SIGNAL
PWB ASS'Y (10/11)
CN0C2
(SHEET17)
PANEL CPU
IC807
IC801
IC802
IC805
AUDIO PWB ASS'Y
CN600B (SHEET21)
SHEET20
50V ONLY
OPEN
SHEET20
DIGITAL SIGNAL
PWB ASS'Y(10/11)
CN0C1 (SHEET17)
OPEN

Note: Refer to part list for the part number of IC805.

* DIFFERENCE LIST

PANEL	etc	NEC	NEC	etc	NEC	etc	NEC	NEC	etc	NEC	NEC	NEC
NOTE	EU	EU	EU	US	TAIWAN KOREA	ASIA (etc)			JP	JP	JP	JP
MODEL	PD-42B50BJA /BUA/BSA	PD-35B50BJA /BUA/BSA PD-35B50JA	PD-42X50BUA /X50BJA	PD-42V475SA /TSA PD-42V485SA /TSA	PD-42X575TNA PD-42X575KNA	PD-Z42DV4A /DV4SA /DV4CA PD-Z42DV80HA	PD-Z35DV4A /DV4SA	PD-Z42DX4A /DX4SA	PD-42DV50A (B) PD-42XV70A (B)	PD-35DV50A	PD-42DV50D	PD-42DH50B
ASSY NO.	SFP-7201A	SFP-7202A	SFP-7203A	SFP-7505A SFP-7512A SFP-7506A SFP-7513A	SFP-7509A SFP-7511A	SFP-7301A SFP-7302A SFP-7303A	SFP-7304A SFP-7305A	SFP-7310A SFP-7311A	SFP-7101A SFP-7104A	SFP-7102A	SFP-7106A	SFP-7108A
	OLLC05111	OLLC05111 -02	OLLC05111 -21	OLLC05111 -12 (etc)	OLLC05111 -19 (etc)	OLLC05111 -06 (etc)	OLLC05111 -09 (etc)	OLLC05111 -22 (etc)	OLLC05111 -03 (etc)	OLLC05111 -04	OLLC05111 -16	OLLC05111 -18
R913	OPEN	22k	22k	OPEN	22k	OPEN	22k	22k	OPEN	22k	22k	22k
R962	OPEN	6.8k	6.8k	OPEN	6.8k	OPEN	6.8k	6.8k	OPEN	6.8k	6.8k	6.8k
R963	OPEN	33k	33k	OPEN	33k	OPEN	33k	33k	OPEN	33k	33k	33k
R968	OPEN	12k	12k	OPEN	12k	OPEN	12k	12k	OPEN	12k	12k	12k
Q811	OPEN	2SK2090-X	2SK2090-X	OPEN	2SK2090-X	OPEN	2SK2090-X	2SK2090-X	OPEN	2SK2090-X	2SK2090-X	2SK2090-X
R930	OPEN	10k	10k	OPEN	10k	OPEN	10k	10k	OPEN	10k	10k	10k
R892	100	0	0	100	0	100	0	0	100	0	0	0
R902	OPEN	1k	1k	OPEN	1k	OPEN	1k	1k	OPEN	1k	1k	1k
R903	1.8k	560	1.8k	1.8k	1.8k	1.8k	560	1.8k	1.8k	560	560	1.8k
R926	OPEN	560	560	OPEN	560	OPEN	560	560	OPEN	560	560	560
R899	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	100	100	100	100	100
R986	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	0	0	0	0	0
R985	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	100	100	100	100	100
C823	OPEN	OPEN	OPEN	1000p CH	1000p CH	OPEN	OPEN	OPEN	1000p CH	1000p CH	1000p CH	1000p CH
IC807	HD64 33687A30H OR HD64F 3687A30H	HD64 33687A30H OR HD64F 3687A30H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A30H OR HD64F 3687A30H	HD64 33687A30H OR HD64F 3687A30H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H
IC801	BA033FP-X	BA033FP-X	BA33BC0FP-X	BA033FP-X	BA33BC0FP-X	BA033FP-X	BA033FP-X	BA33BC0FP-X	BA033FP-X	BA033FP-X	BA033FP-X	BA33BC0FP-X
IC802	BA033FP-X	BA033FP-X	BA33BC0FP-X	BA033FP-X	BA33BC0FP-X	BA033FP-X	BA033FP-X	BA33BC0FP-X	BA033FP-X	BA033FP-X	BA033FP-X	BA33BC0FP-X

NEC/ etc

JP/etc

EU・ASIA/etc

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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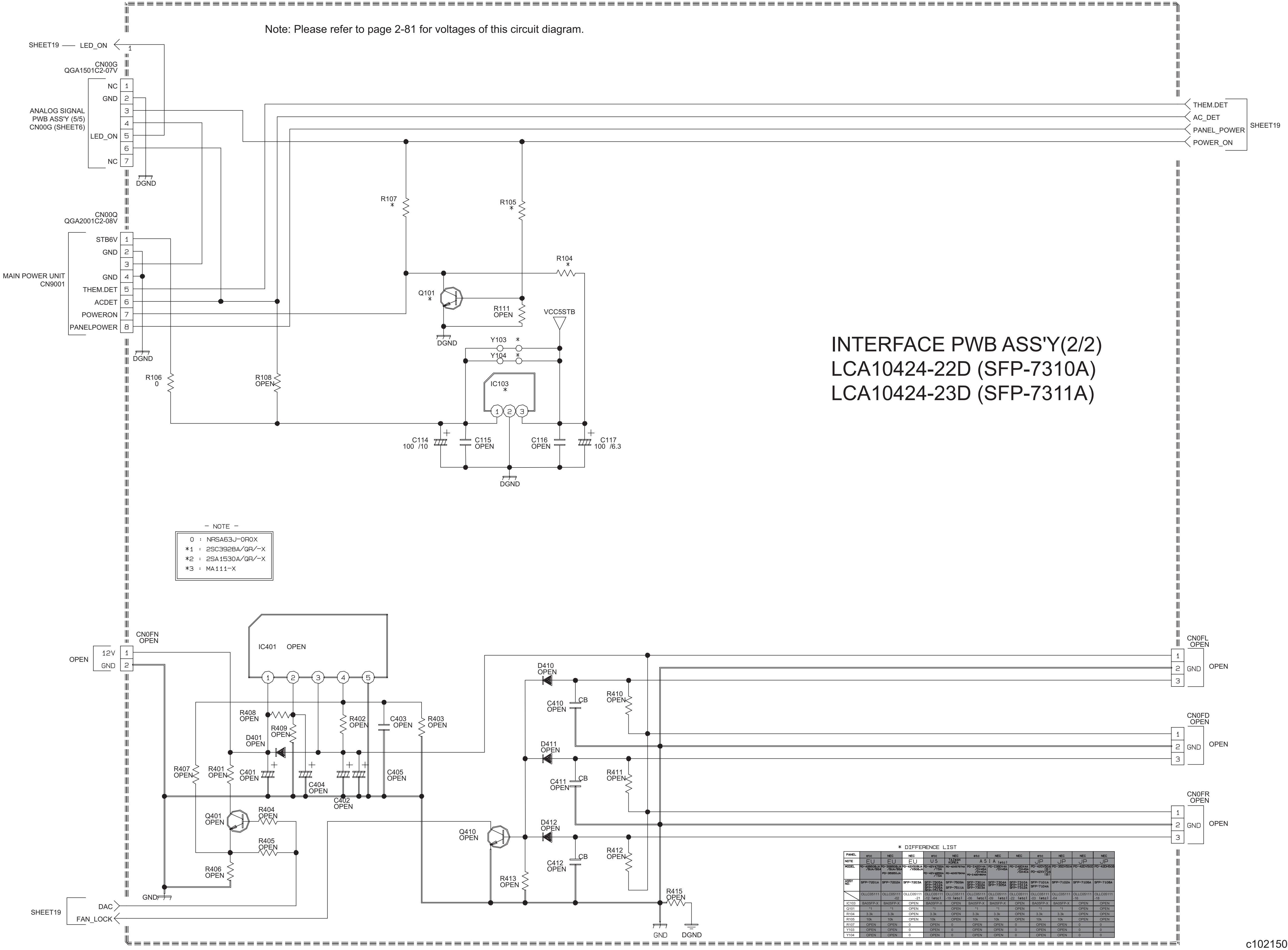
INTERFACE PWB CIRCUIT DIAGRAM (2/2) SHEET 20

Note: Please refer to page 2-81 for voltages of this circuit diagram.


SHEET19
LED_ON
CN00G
QGA1501C2-07V
ANALOG SIGNAL
PWB ASS'Y (5/5)
CN00G (SHEET6)
NC
GND
LED_ON
DGND
CN00Q
QGA2001C2-08V
MAIN POWER UNIT
CN9001
STB6V
GND
THEM.DET
ACDET
POWERON
PANELPOWER
THEM.DET
AC_DET
PANEL_POWER
POWER_ON
R107 *
R105 *
R104 *
Q101 *
R111 OPEN
VCC5STB
Y103 *
Y104 *
IC103 *
R106 0
R108 OPEN
C114 100 /10
C115 OPEN
C116 OPEN
C117 100 /6.3
CN0FN OPEN
12V
IC401 OPEN
R408 OPEN
R409 OPEN
D401 OPEN
R402 OPEN
C403 OPEN
R403 OPEN
R407 OPEN
R401 OPEN
C401 OPEN
C404 OPEN
C402 OPEN
C405 OPEN
Q401 OPEN
R404 OPEN
R405 OPEN
R406 OPEN
Q410 OPEN
D410 OPEN
D411 OPEN
D412 OPEN
C410 OPEN
C411 OPEN
C412 OPEN
CB
R410 OPEN
R411 OPEN
R412 OPEN
R413 OPEN
R415 OPEN
CN0FL OPEN
CN0FD OPEN
CN0FR OPEN
DAC
FAN_LOCK
GND
DGND

INTERFACE PWB ASS'Y(2/2)
LCA10424-22D (SFP-7310A)
LCA10424-23D (SFP-7311A)

– NOTE –

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
*3 : MA111-X

* DIFFERENCE LIST

PANEL	etc	NEC	NEC	etc	NEC	etc	NEC	NEC	etc	NEC	NEC	NEC
NOTE	EU	EU	EU	US	TAIWAN KOREA	ASIA (etc)			JP	JP	JP	JP
MODEL	PD-42B50BJA /BUA/BSA	PD-35B50BJA /BUA/BSA PD-35S50JA	PD-42X50BUA /X50BJA	PD-42V475SA /TSA PD-42V485SA /TSA	PD-42X575TNA PD-42X575KNA	PD-Z42DV4A /DV4SA /DV4CA PD-Z42DV80HA	PD-Z35DV4A /DV4SA	PD-Z42DX4A /DX4SA /DX4CA	PD-42DV50A (B) PD-42XV70A (B)	PD-35DV50A	PD-42DV50D	PD-42DH50B
ASSY NO.	SFP-7201A	SFP-7202A	SFP-7203A	SFP-7505A SFP-7512A SFP-7506A SFP-7513A	SFP-7509A SFP-7511A	SFP-7301A SFP-7302A SFP-7303A	SFP-7304A SFP-7305A	SFP-7310A SFP-7311A SFP-7312A	SFP-7101A SFP-7104A	SFP-7102A	SFP-7106A	SFP-7108A
	OLLC05111	OLLC05111 -02	OLLC05111 -21	OLLC05111 -12 (etc)	OLLC05111 -19 (etc)	OLLC05111 -06 (etc)	OLLC05111 -09 (etc)	OLLC05111 -22 (etc)	OLLC05111 -03 (etc)	OLLC05111 -04	OLLC05111 -16	OLLC05111 -18
IC103	BA05FP-X	BA05FP-X	OPEN	BA05FP-X	OPEN	BA05FP-X	BA05FP-X	OPEN	BA05FP-X	BA05FP-X	OPEN	OPEN
Q101	*1	*1	OPEN	*1	OPEN	*1	*1	OPEN	*1	*1	OPEN	OPEN
R104	3.3k	3.3k	OPEN	3.3k	OPEN	3.3k	3.3k	OPEN	3.3k	3.3k	OPEN	OPEN
R105	10k	10k	OPEN	10k	OPEN	10k	10k	OPEN	10k	10k	OPEN	OPEN
R107	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	0	0
Y103	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	0	0
Y104	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	0	0

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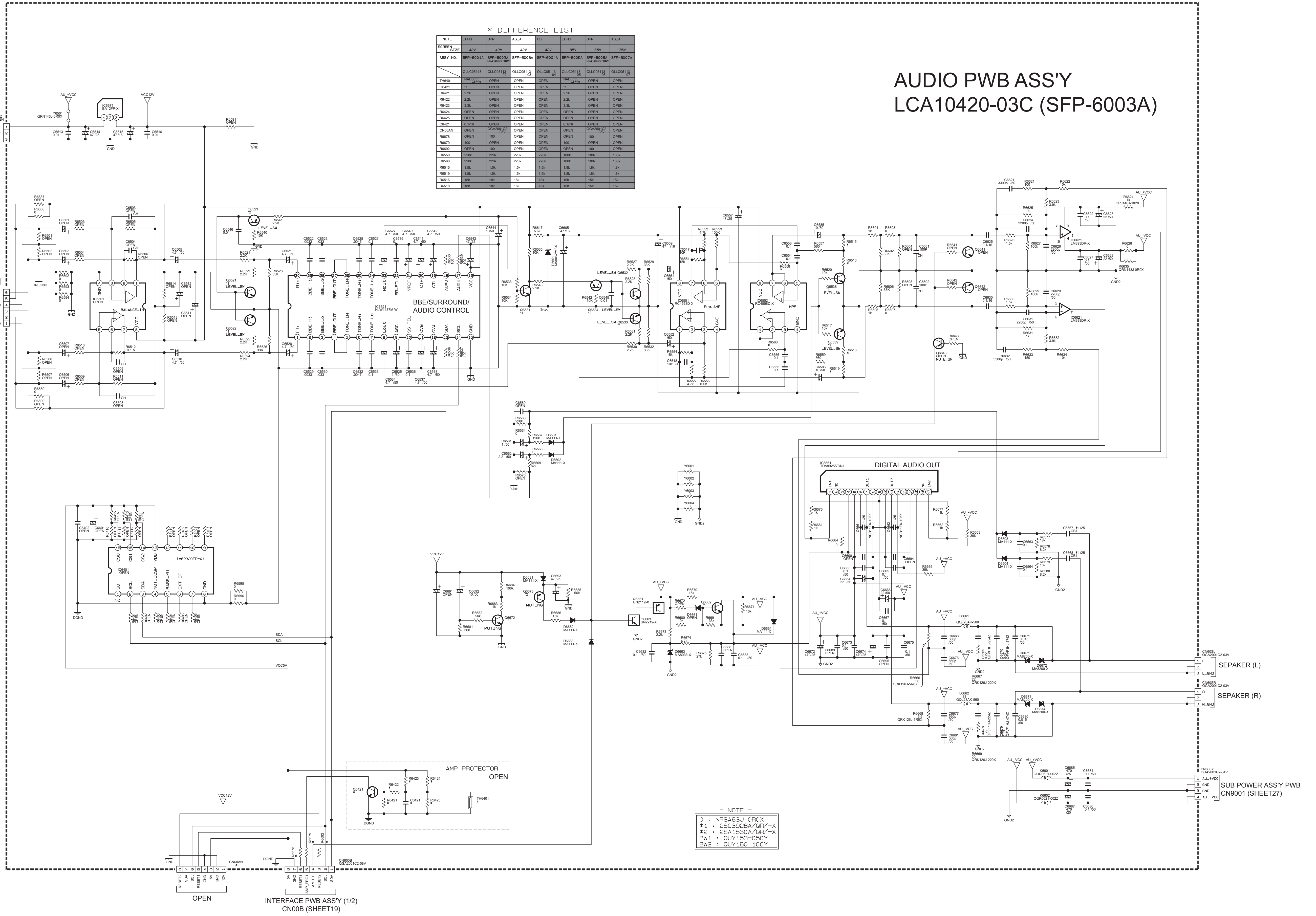
AUDIO PWB CIRCUIT DIAGRAM SHEET 21

AUDIO PWB ASS'Y
LCA10420-03C (SFP-6003A)



OPEN
CN600Z
VCC
NC
GND
AU_+VCC
VCC12V
IC6671 BA12FP-X
R6591 OPEN
INTERFACE PWB ASS'Y (1/2) CN00C (SHEET19)
R_IN-
R_IN+
R_IN_GND
L_IN-
L_IN+
L_IN_GND
IN_GND
IC6501 OPEN
BALANCE
LEVEL_SW
BBE/SURROUND/ AUDIO CONTROL
IC6521 NJW1137M-W
Rin
BBE_Hi
BBE_Lo
BBE_OUT
TONE_IN
TONE_Hi
TONE_Lo
Rout
SR_FIL
VREF
CTH
CTL
AUX1
VCC
Lin
Lout
AGC
SS_FIL
CVB
CVA
SDA
SCL
GND
Inv.
IC6551 RC4558D-X
Pre.AMP
IC6552 RC4558D-X
HPF
IC6621 LM393DR-X
Q6643 MUTE_SW
IC6401 OPEN
M62320FP-X
CS0
CS1
CS2
VDD
SO
SCL
SDA
NOT_DSP
BASS_MU
EXT_SP
SDA
SCL
VCC5V
MUTING
IC6661 TDA8925ST/N1
DIGITAL AUDIO OUT
SEPAKER (L)
SEPAKER (R)
SUB POWER ASS'Y PWB CN9001 (SHEET27)
AMP PROTECTOR
OPEN
Q6421
TH6401
CN60AN
RESET2
SDA
SCL
RESET1
GND
5V
GND
12V
OPEN
CN600B
5V
GND
RESET1
AMP_PRO1
MUTE
RESET2
SCL
SDA
INTERFACE PWB ASS'Y (1/2) CN00B (SHEET19)

* DIFFERENCE LIST

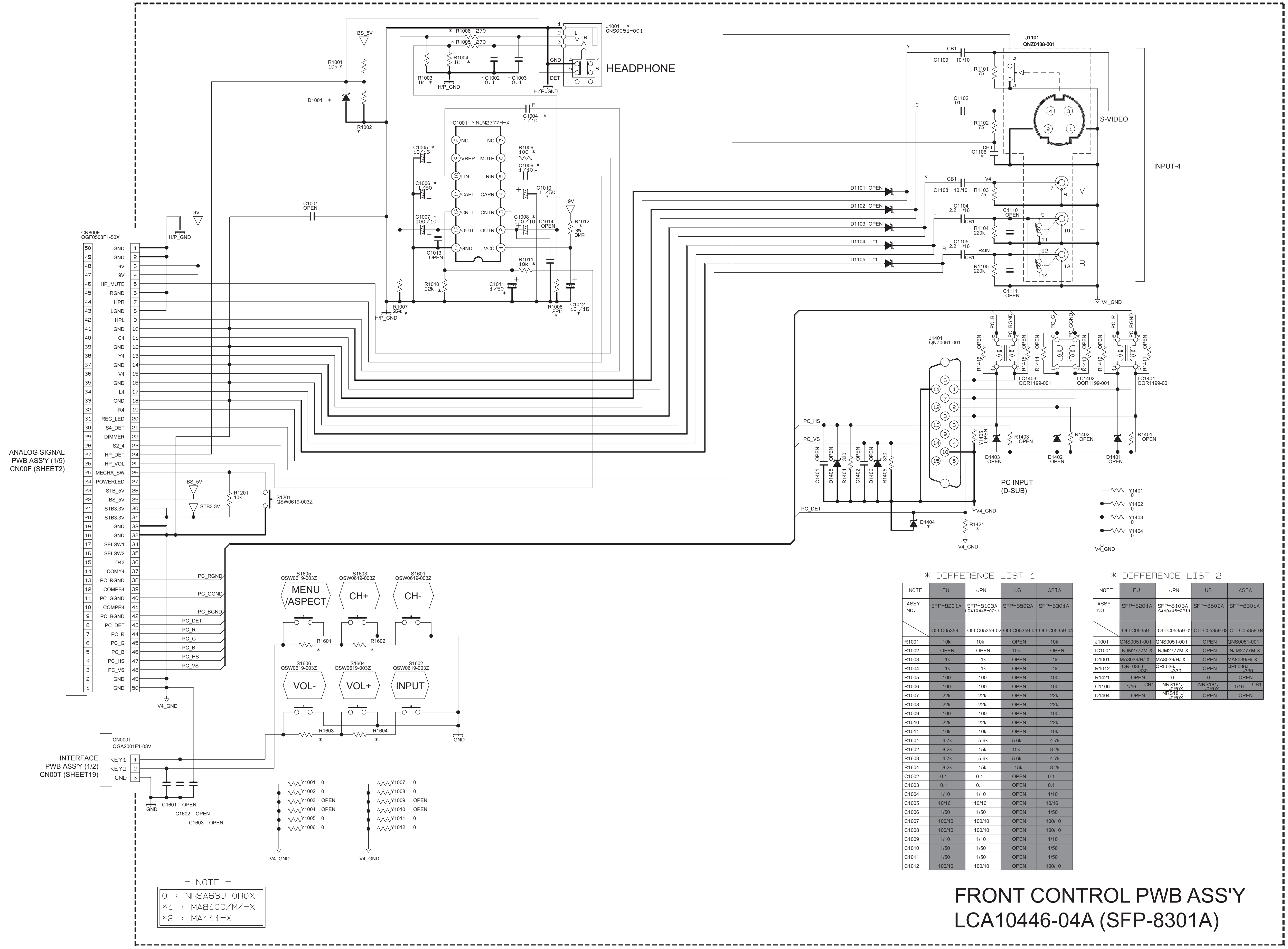
NOTE	EURO	JPN	ASIA	US	EURO	JPN	ASIA
SCREEN SIZE	42V	42V	42V	42V	35V	35V	35V
ASSY NO.	SFP-6001A	SFP-6002A LCA10420-02*	SFP-6003A	SFP-6004A	SFP-6005A	SFP-6006A LCA10420-06*	SFP-6007A
	OLLC05113	OLLC05113 -02	OLLC05113 -03	OLLC05113 -04	OLLC05113 -05	OLLC05113 -06	OLLC05113 -07
TH6401	NAD0035 -471X	OPEN	OPEN	OPEN	NAD0035 -471X	OPEN	OPEN
Q6421	*1	OPEN	OPEN	OPEN	*1	OPEN	OPEN
R6421	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN
R6422	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN
R6423	3.3k	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN
R6424	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6425	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6421	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN
CN60AN	OPEN	QGA2001C2 -08V	OPEN	OPEN	OPEN	QGA2001C2 -08V	OPEN
R6678	OPEN	100	OPEN	OPEN	OPEN	100	OPEN
R6679	100	OPEN	OPEN	OPEN	100	OPEN	OPEN
R6692	OPEN	100	OPEN	OPEN	OPEN	100	OPEN
R6558	220k	220k	220k	220k	180k	180k	180k
R6560	220k	220k	220k	220k	180k	180k	180k
R6515	1.5k	1.5k	1.5k	1.5k	1.8k	1.8k	1.8k
R6519	1.5k	1.5k	1.5k	1.5k	1.8k	1.8k	1.8k
R6516	18k	18k	18k	18k	15k	15k	15k
R6518	18k	18k	18k	18k	15k	15k	15k

- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
BW1 : QUY153-050Y
BW2 : QUY160-100Y

Note: Please refer to page 2-81 for voltages of this circuit diagram.

FRONT CONTROL PWB CIRCUIT DIAGRAM SHEET 22


HEADPHONE
J1001 * QNS0051-001
IC1001 * NJM2777M-X
VREP
LIN
CAPL
CNTL
OUTL
GND
MUTE
RIN
CAPR
CNTR
OUTR
VCC
H/P_GND
BS_5V
9V
D1001 *
R1001 10k *
R1002 *
C1001 OPEN
J1101 QNZ0438-001
S-VIDEO
INPUT-4
V
L
R
V4_GND
D1101 OPEN
D1102 OPEN
D1103 OPEN
D1104 *1
D1105 *1
CN800F QGF0508F1-50X
ANALOG SIGNAL PWB ASS'Y (1/5) CN00F (SHEET2)
GND
9V
HP_MUTE
RGND
HPR
LGND
HPL
C4
Y4
V4
L4
R4
REC_LED
S4_DET
DIMMER
S2_4
HP_DET
HP_VOL
MECHA_SW
POWERLED
STB_5V
BS_5V
STB3.3V
SELSW1
SELSW2
D43
COMY4
PC_RGND
COMPB4
PC_GGND
COMPR4
PC_BGND
PC_DET
PC_R
PC_G
PC_B
PC_HS
PC_VS
R1201 10k
S1201 QSW0619-003Z
J1401 QNZ0061-001
PC INPUT (D-SUB)
LC1401 QQR1199-001
LC1402 QQR1199-001
LC1403 QQR1199-001
D1404 *
R1421 *
S1605 QSW0619-003Z
MENU /ASPECT
S1603 QSW0619-003Z
CH+
S1601 QSW0619-003Z
CH-
S1606 QSW0619-003Z
VOL-
S1604 QSW0619-003Z
VOL+
S1602 QSW0619-003Z
INPUT
R1601
R1602
R1603
R1604
CN000T QGA2001F1-03V
INTERFACE PWB ASS'Y (1/2) CN00T (SHEET19)
KEY1
KEY2
GND
C1601 OPEN
C1602 OPEN
C1603 OPEN
Y1001 0
Y1002 0
Y1003 OPEN
Y1004 OPEN
Y1005 0
Y1006 0
Y1007 0
Y1008 0
Y1009 OPEN
Y1010 OPEN
Y1011 0
Y1012 0
Y1401 0
Y1402 0
Y1403 0
Y1404 0

* DIFFERENCE LIST 1

NOTE	EU	JPN	US	ASIA
ASSY NO.	SFP-8201A	SFP-8103A LCA10446-02*1	SFP-8502A	SFP-8301A
	OLLC05359	OLLC05359-02	OLLC05359-03	OLLC05359-04
R1001	10k	10k	OPEN	10k
R1002	OPEN	OPEN	10k	OPEN
R1003	1k	1k	OPEN	1k
R1004	1k	1k	OPEN	1k
R1005	100	100	OPEN	100
R1006	100	100	OPEN	100
R1007	22k	22k	OPEN	22k
R1008	22k	22k	OPEN	22k
R1009	100	100	OPEN	100
R1010	22k	22k	OPEN	22k
R1011	10k	10k	OPEN	10k
R1601	4.7k	5.6k	5.6k	4.7k
R1602	8.2k	15k	15k	8.2k
R1603	4.7k	5.6k	5.6k	4.7k
R1604	8.2k	15k	15k	8.2k
C1002	0.1	0.1	OPEN	0.1
C1003	0.1	0.1	OPEN	0.1
C1004	1/10	1/10	OPEN	1/10
C1005	10/16	10/16	OPEN	10/16
C1006	1/50	1/50	OPEN	1/50
C1007	100/10	100/10	OPEN	100/10
C1008	100/10	100/10	OPEN	100/10
C1009	1/10	1/10	OPEN	1/10
C1010	1/50	1/50	OPEN	1/50
C1011	1/50	1/50	OPEN	1/50
C1012	100/10	100/10	OPEN	100/10

* DIFFERENCE LIST 2

NOTE	EU	JPN	US	ASIA
ASSY NO.	SFP-8201A	SFP-8103A LCA10446-02*1	SFP-8502A	SFP-8301A
	OLLC05359	OLLC05359-02	OLLC05359-03	OLLC05359-04
J1001	QNS0051-001	QNS0051-001	OPEN	QNS0051-001
IC1001	NJM2777M-X	NJM2777M-X	OPEN	NJM2777M-X
D1001	MA8039/H/-X	MA8039/H/-X	OPEN	MA8039/H/-X
R1012	QRL036J -330	QRL036J -330	OPEN	QRL036J -330
R1421	OPEN	0	0	OPEN
C1106	1/16 CB1	NRS181J -0R0X	NRS181J -0R0X	1/16 CB1
D1404	OPEN	NRS181J -0R0X	OPEN	OPEN

- NOTE -

0 : NRSA63J-0R0X
*1 : MA8100/M/-X
*2 : MA111-X

FRONT CONTROL PWB ASS'Y
LCA10446-04A (SFP-8301A)

Note: Please refer to page 2-81 for voltages of this circuit diagram.

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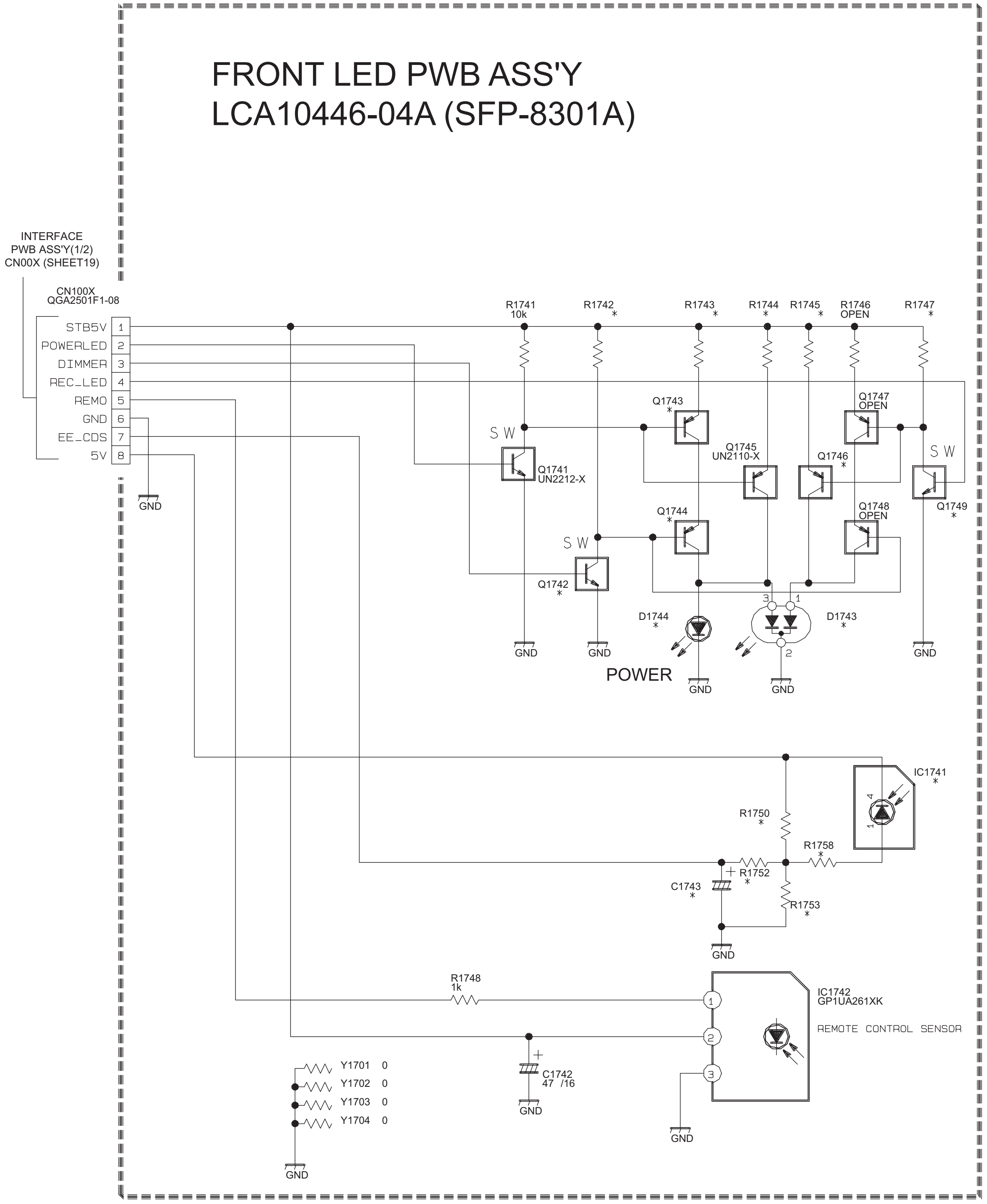
FRONT LED PWB CIRCUIT DIAGRAM SHEET 23


FRONT LED PWB ASS'Y
LCA10446-04A (SFP-8301A)
INTERFACE
PWB ASS'Y(1/2)
CN00X (SHEET19)
CN100X
QGA2501F1-08
STB5V 1
POWERLED 2
DIMMER 3
REC_LED 4
REMO 5
GND 6
EE_CDS 7
5V 8
GND
R1741 10k
R1742 *
R1743 *
R1744 *
R1745 *
R1746 OPEN
R1747 *
Q1743 *
Q1747 OPEN
S W
Q1741 UN2212-X
Q1745 UN2110-X
Q1746 *
Q1749 *
Q1744 *
Q1748 OPEN
Q1742 *
D1744 *
D1743 *
POWER
GND
IC1741 *
R1750 *
R1758 *
R1752 *
R1753 *
C1743 *
R1748 1k
IC1742
GP1UA261XK
REMOTE CONTROL SENSOR
C1742 47 /16
Y1701 0
Y1702 0
Y1703 0
Y1704 0

Note: Please refer to page 2-81 for voltages of this circuit diagram.

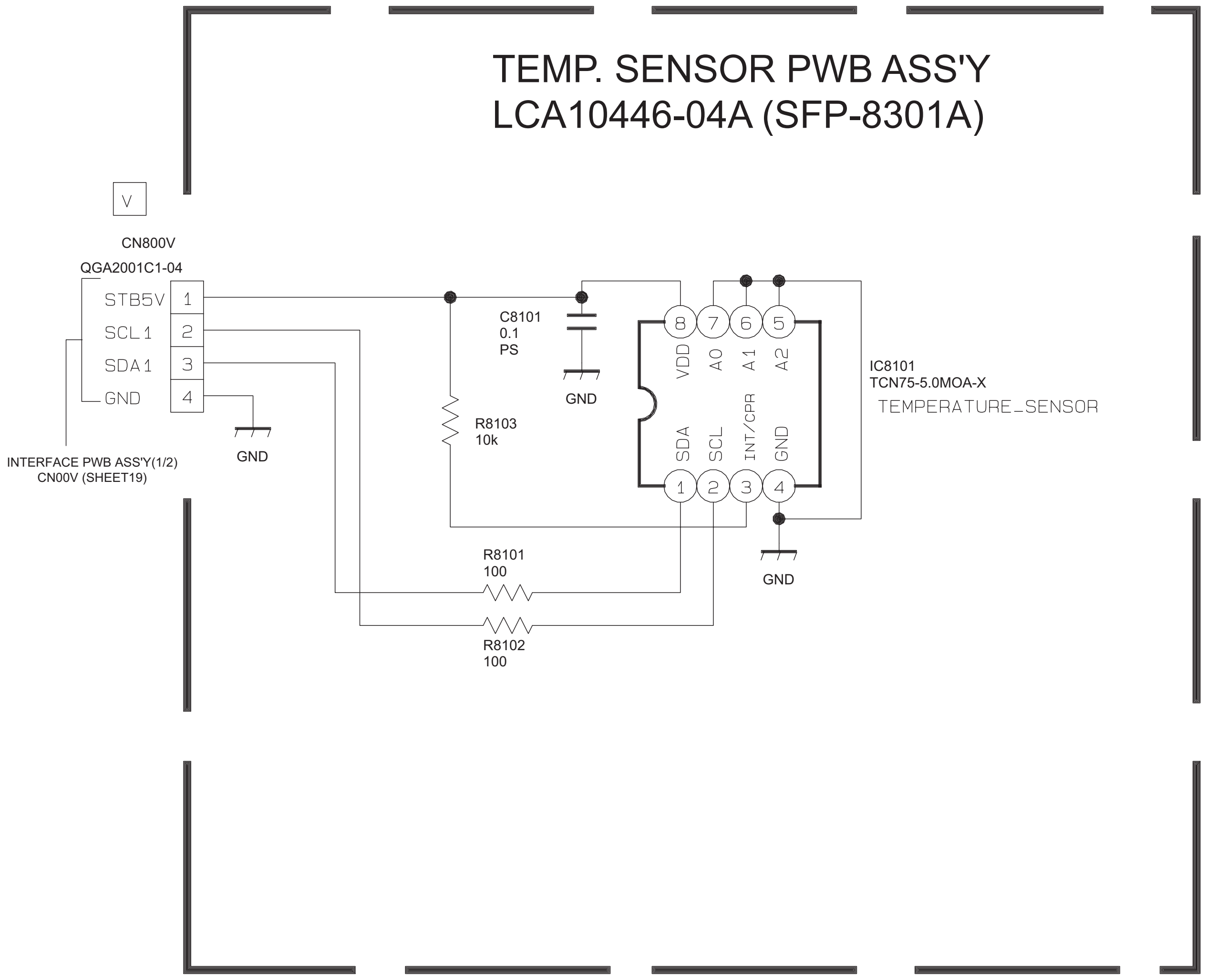
∗ DIFFERENCE LIST

NOTE	EU·ASIA	JPN	US	ASIA	US 2
ASSY NO.	SFP-8201A	SFP-8103A	SFP-8502A	SFP-8301A	SFP-8507A
	OLLC05359	OLLC05359-02	OLLC05359-03	OLLC05359-04	OLLC05359-05
D1743	OPEN	SML1216W	OPEN	OPEN	OPEN
D1744	HLMP-NS30 -J0000	OPEN	LG22440	HLMP-NS30 -J0000	LG22440
R1742	OPEN	OPEN	10k	OPEN	10k
R1743	OPEN	OPEN	330	OPEN	330
R1744	330	330	2.2k	330	2.2k
R1745	OPEN	330	OPEN	OPEN	OPEN
R1747	OPEN	10k	OPEN	OPEN	OPEN
Q1742	OPEN	OPEN	UN2212-X	OPEN	UN2212-X
Q1743	OPEN	OPEN	UN2110-X	OPEN	UN2110-X
Q1744	OPEN	OPEN	UN2110-X	OPEN	UN2110-X
Q1746	OPEN	UN2110-X	OPEN	OPEN	OPEN
Q1749	OPEN	UN2212-X	OPEN	OPEN	OPEN
IC1741	OPEN	S9066-11	OPEN	OPEN	OPEN
R1750	OPEN	330k	OPEN	OPEN	OPEN
R1752	OPEN	100	OPEN	OPEN	OPEN
R1753	OPEN	100k	OPEN	OPEN	OPEN
R1758	OPEN	56k	OPEN	OPEN	OPEN
C1743	OPEN	1 /50	OPEN	OPEN	OPEN

– NOTE –

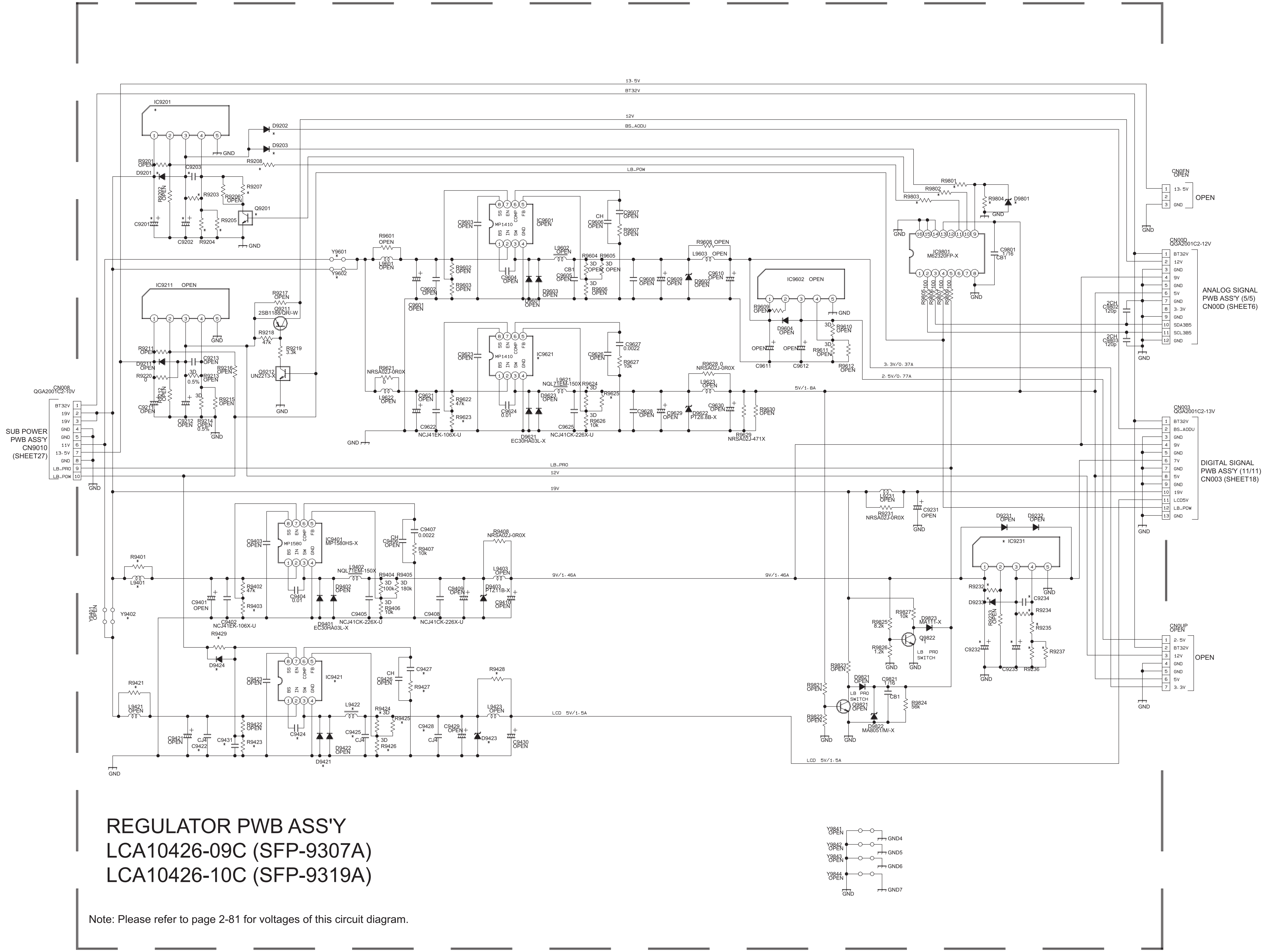
0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X

TEMP. SENSOR PWB CIRCUIT DIAGRAM SHEET 24


TEMP. SENSOR PWB ASS'Y
LCA10446-04A (SFP-8301A)
V
CN800V
QGA2001C1-04
STB5V 1
SCL1 2
SDA1 3
GND 4
INTERFACE PWB ASS'Y(1/2)
CN00V (SHEET19)
GND
C8101
0.1
PS
GND
R8103
10k
IC8101
TCN75-5.0MOA-X
TEMPERATURE_SENSOR
VDD 8
A0 7
A1 6
A2 5
SDA 1
SCL 2
INT/CPR 3
GND 4
R8101
100
R8102
100
GND

Note: Please refer to page 2-81 for voltages of this circuit diagram.

REGULATOR PWB CIRCUIT DIAGRAM SHEET 25



IC9201
D9202
D9203
R9201 OPEN
D9201
R9208
C9203
R9207
R9203
R9206 OPEN
Q9201
R9205
C9201
C9202
R9204
GND
13.5V
BT32V
12V
BS_ADDU
LB_POW
IC9211 OPEN
R9217 OPEN
Q9211 2SB1188/QR/-W
R9218 47k
R9219 3.3k
Q9212 UN2213-X
R9211 OPEN
D9211 OPEN
C9213 OPEN
R9220 0
R9216 OPEN
R9212 OPEN
R9213 OPEN
C9211 OPEN
C9212 OPEN
R9214 OPEN 0.5%
R9215 OPEN
CN008 QGA2001C2-10V
BT32V
19V
19V
GND
GND
11V
13.5V
GND
LB_PRO
LB_POW
SUB POWER PWB ASS'Y CN9010 (SHEET27)
Y9601
Y9602
R9601 OPEN
L9601 OPEN
C9601 OPEN
C9602 OPEN
R9602 OPEN
R9603 OPEN
C9603 OPEN
MP1410
IC9601 OPEN
C9604 OPEN
L9602 OPEN
CB1
C9605 OPEN
D9603 OPEN
D9601 OPEN
R9604
R9605
C9606 OPEN
R9606 OPEN
C9607 OPEN
R9607 OPEN
C9608 OPEN
C9609 OPEN
R9608 OPEN
L9603 OPEN
D9602 OPEN
C9610 OPEN
IC9602 OPEN
R9609 OPEN
D9604 OPEN
R9610 OPEN
R9611 OPEN
R9612 OPEN
C9611
C9612
R9621 NRSA02J-0R0X
L9622 OPEN
C9621 OPEN
C9622 NCJ41EK-106X-U
R9622 47k
R9623
C9623 OPEN
IC9621
C9624 0.01
L9621 NQL71EM-150X
D9621 EC30HA03L-X
D9623 OPEN
C9625 NCJ41CK-226X-U
R9624
R9625
R9626 10k
C9626 OPEN
C9627 0.0022
R9627 10k
C9628 OPEN
C9629 OPEN
R9628 0 NRSA02J-0R0X
L9623 OPEN
D9622 PTZ6.8B-X
C9630 OPEN
R9629 NRSA02J-471X
R9630 OPEN
5V/1.8A
3.3V/0.37A
2.5V/0.77A
R9801
R9802
R9803
R9804
D9801
IC9801 M62320FP-X
C9801 1/16
CB1
R9805 100
R9806 100
R9807 100
R9808 100
C9802 120p
C9803 120p
CN0FN OPEN
13.5V
GND
OPEN
CN00D QGA2001C2-12V
BT32V
12V
GND
GND
GND
5V
GND
3.3V
GND
SDA3BS
SCL3BS
GND
ANALOG SIGNAL PWB ASS'Y (5/5) CN00D (SHEET6)
CN003 QGA2001C2-13V
BT32V
BS_ADDU
GND
9V
GND
7V
GND
5V
GND
19V
LCD5V
LB_POW
GND
DIGITAL SIGNAL PWB ASS'Y (11/11) CN003 (SHEET18)
LB_PRO
12V
19V
L9231 OPEN
R9231 NRSA02J-0R0X
C9231 OPEN
D9231 OPEN
D9232 OPEN
IC9231
R9232
D9233
C9234
R9233 OPEN
R9234
R9235
R9237
C9232
C9233
R9236
R9401
L9401
Y9401 OPEN
Y9402
C9401 OPEN
C9402 NCJ41EK-106X-U
R9402 47k
R9403
C9403 OPEN
MP1580
IC9401 MP1580HS-X
C9404 0.01
L9402 NQL71EM-150X
D9401 EC30HA03L-X
D9402 OPEN
C9405 NCJ41CK-226X-U
R9404
R9405
R9406 10k
C9406 OPEN
C9407 0.0022
R9407 10k
R9408 NRSA02J-0R0X
L9403 OPEN
C9408 NCJ41CK-226X-U
C9409 OPEN
D9403 PTZ11B-X
C9410 OPEN
9V/1.46A
R9429
D9424
C9423 OPEN
IC9421
C9426
C9427
R9427
R9421
L9421 OPEN
C9421 OPEN
C9422
R9422 OPEN
R9423
C9431
C9424
D9421
D9422 OPEN
L9422
C9425
R9424
R9425
R9426
C9428
C9429 OPEN
R9428
L9423 OPEN
D9423
C9430 OPEN
LCD 5V/1.5A
R9825 8.2k
R9827 10k
D9823 MA111-X
Q9822
R9826 1.2k
LB PRO SWITCH
R9823 OPEN
D9821 OPEN
C9821 1/16
CB1
R9821 OPEN
R9822 OPEN
Q9821 OPEN
LB PRO SWITCH
D9822 MA8051/M/-X
R9824 56k
CN0UP OPEN
2.5V
BT32V
12V
GND
GND
5V
3.3V
OPEN
Y9841 OPEN
Y9842 OPEN
Y9843 OPEN
Y9844 OPEN
GND4
GND5
GND6
GND7

REGULATOR PWB ASS'Y
LCA10426-09C (SFP-9307A)
LCA10426-10C (SFP-9319A)

Note: Please refer to page 2-81 for voltages of this circuit diagram.

* DEFFERENCE LIST

	ASSY NO.	SFP-9517A SFP-9320A SFP-9319A SFP-9307A SFP-9206A SFP-9514A SFP-9203A	SFP-9507A	SFP-9116A SFP-9106A	SFP-9122A	SFP-9318A SFP-9317A SFP-9306A SFP-9520A
		OLLC05108 (-07~-11) (-17)	OLLC05108 -02	OLLC05108 -03 (-04)	OLLC07151	OLLC05108 -12 (-13~-15)
5V	IC9621	MP1410ES -X	MP1580HS -X	MP1410ES -X	MP1580HS -X	MP1580HS -X
	R9623	33k	15k	33k	33k	15k
	R9624	47k 3D	33k 3D	47k 3D	47k 3D	33k 3D
	R9625	91k 3D	820k	91k 3D	91k 3D	820k
BS 15V	IC9201	OPEN	OPEN	PQ20WZ11 -X	PQ20WZ11 -X	OPEN
	D9201	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	D9202	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	D9203	OPEN	OPEN	MA111-X	MA111-X	OPEN
	Q9201	OPEN	OPEN	UN2213-X	UN2213-X	OPEN
	C9201	OPEN	OPEN	NEHM1EM -336X	NEHM1EM -336X	OPEN
	C9202	OPEN	OPEN	NEHM1EM -336X	NEHM1EM -336X	OPEN
	C9203	OPEN	OPEN	0.1	0.1	OPEN
	R9203	OPEN	OPEN	NRSA63D -183X	NRSA63D -183X	OPEN
	R9204	OPEN	OPEN	NRSA63D -682X	NRSA63D -682X	OPEN
	R9205	OPEN	OPEN	33k	33k	OPEN
	R9207	OPEN	OPEN	NRSA63D -103X	NRSA63D -103X	OPEN
	R9208	OPEN	OPEN	33k	33k	OPEN
9V	R9401	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X
	R9403	18k	15k	18k	18k	15k
	L9401	OPEN	OPEN	NQL52EM -220X	NQL52EM -220X	OPEN
7V	IC9231	OPEN	OPEN	PQ20WZ11 -X	PQ20WZ11 -X	OPEN
	D9233	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	C9232	OPEN	OPEN	NEHM1CM -476X	NEHM1CM -476X	OPEN
	C9233	OPEN	OPEN	NEHM1CM -476X	NEHM1CM -476X	OPEN
	C9234	OPEN	OPEN	0.1	0.1	OPEN
	R9232	OPEN	OPEN	10k	10k	OPEN
	R9234	OPEN	OPEN	4.7k	4.7k	OPEN
	R9235	OPEN	OPEN	0	0	OPEN
	R9236	OPEN	OPEN	NRSA63D -332X	NRSA63D -332X	OPEN
	R9237	OPEN	OPEN	18k	18k	OPEN
LCD 5V	C9422	OPEN	10/25 CJ4	10/25 CJ4	10/25 CJ4	OPEN
	C9424	OPEN	0.01	0.01	0.01	OPEN
	C9425	OPEN	22/16 CJ4	22/16 CJ4	22/16 CJ4	OPEN
	C9427	OPEN	2200p	2200p	2200p	OPEN
	C9428	OPEN	22/16 CJ4	22/16 CJ4	22/16 CJ4	OPEN
	C9431	OPEN	8200p	8200p	8200p	OPEN
	D9421	OPEN	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	OPEN
	D9423	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN
	D9424	OPEN	MA111-X	MA111-X	MA111-X	OPEN
	IC9421	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN
	L9422	OPEN	NQL71EM -150X	NQL71EM -150X	NQL71EM -150X	OPEN
	R9421	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
	R9423	OPEN	820k	820k	820k	OPEN
	R9424	OPEN	12k 3D	12k 3D	12k 3D	OPEN
	R9425	OPEN	120k	120k	120k	OPEN
	R9426	OPEN	10k 3D	10k 3D	10k 3D	OPEN
	R9427	OPEN	10k	10k	10k	OPEN
	R9428	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
	R9429	OPEN	47k	47k	47k	OPEN
	Y9402	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
ON/OFF PROTECT	D9801	OPEN	OPEN	MA8051 /M/-X	MA8051 /M/-X	OPEN
	R9801	OPEN	OPEN	12k	12k	OPEN
	R9802	OPEN	OPEN	100	100	OPEN
	R9803	OPEN	OPEN	100	100	OPEN
	R9804	OPEN	OPEN	10k	10k	OPEN
Vin SERECT	Y9601	0	OPEN	0	OPEN	OPEN
	Y9602	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X

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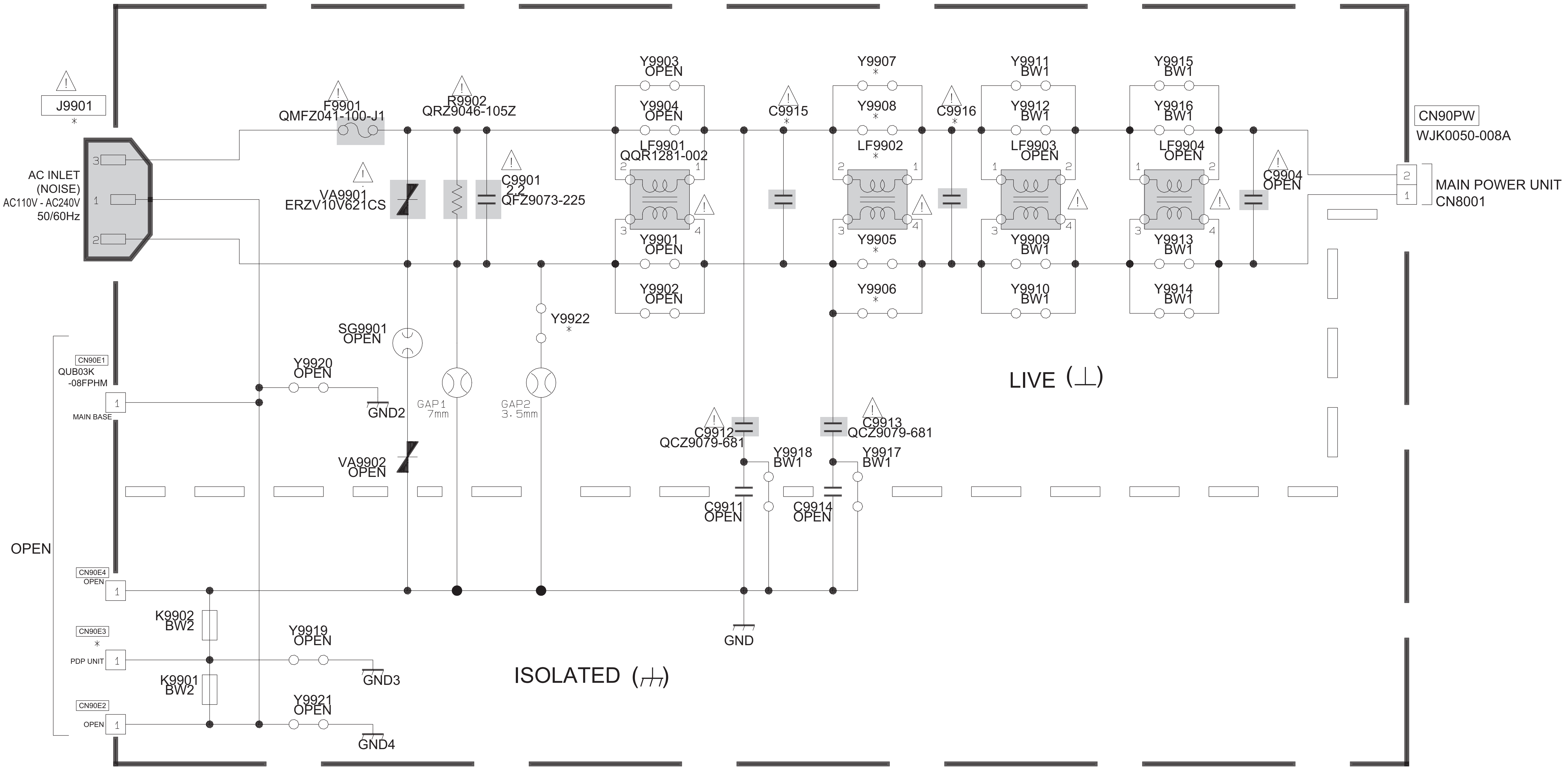
LINE FILTER PWB CIRCUIT DIAGRAM SHEET 26

* DIFFERENCE LIST 1

MODEL	PD-42B50BJA PD-42B50BJA	PD-35B50BJA PD-35B50BUA PD-35S50JA	PD-42DV50A PD-42XV70A	PD-35DV50A	PD-42V475SA PD-42V485SA	PD-Z42DV4A PD-Z42DV4SA PD-Z42DV4CA	PD-Z35DV4A PD-Z35DV4SA	PD-42DV50D	PD-42DH50B	PD-42X575KNA PD-42X575TNA	PD-42X50BUA PD-42X50BJA	PD-Z42DV4A	PD-Z42DV4CA PD-Z42DV4SA	PD-42V475TSA PD-42V485TSA
ASSY NO.	SFP-9204A LCA10427-01*	SFP-9205A LCA10427-02*	SFP-9107A LCA10427-03*	SFP-9108A LCA10427-04*	SFP-9510A LCA10427-08*	SFP-9303A LCA10427-06*	SFP-9304A LCA10427-07*	SFP-9110A LCA10427-09*	SFP-9119A LCA10427-11*	SFP-9513A LCA10427-12*	SFP-9207A LCA10427-13*	SFP-9310A LCA10427-14*	SFP-9311A LCA10427-15*	SFP-9519A LCA10427-16*
	OLLC05109	OLLC05109-02	OLLC05109-03	OLLC05109-04	OLLC05109-08	OLLC05109-06	OLLC05109-07	OLLC05109-09	OLLC05109-11	OLLC05109-12	OLLC05109-13	OLLC05109-14	OLLC05109-15	OLLC05109-16
LF9902	QQR1281-002	OPEN	QQR1281-002	OPEN	QQR1281-002	QQR1281-002	OPEN	QQR1281-002	QQR1281-002	QQR1281-002	QQR1281-002	QQR1281-002	QQR1281-002	QQR1281-002
C9915	OPEN	QFZ9075-224	OPEN	OPEN	OPEN	OPEN	QFZ9075-224	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C9916	QFZ9075-224	OPEN	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224	OPEN	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224
CN90E3	QUB070-26FPHM	OPEN	QUB070-26FPHM	OPEN	QUB070-26FPHM	QUB070-26FPHM	OPEN	OPEN	OPEN	QUB070-26FPHM	OPEN	OPEN	OPEN	QUB070-26FPHM



J9901
*
AC INLET
(NOISE)
AC110V - AC240V
50/60Hz
F9901
QMFZ041-100-J1
R9902
QRZ9046-105Z
VA9901
ERZV10V621CS
C9901
2.2
QFZ9073-225
Y9903
OPEN
Y9904
OPEN
LF9901
QQR1281-002
Y9901
OPEN
Y9902
OPEN
C9915
*
Y9907
*
Y9908
*
LF9902
*
Y9905
*
Y9906
*
C9916
*
Y9911
BW1
Y9912
BW1
LF9903
OPEN
Y9909
BW1
Y9910
BW1
Y9915
BW1
Y9916
BW1
LF9904
OPEN
Y9913
BW1
Y9914
BW1
C9904
OPEN
CN90PW
WJK0050-008A
MAIN POWER UNIT
CN8001
SG9901
OPEN
Y9922
*
GAP1
7mm
GAP2
3.5mm
LIVE (⊥)
CN90E1
QUB03K
-08FPHM
MAIN BASE
Y9920
OPEN
GND2
VA9902
OPEN
C9912
QCZ9079-681
C9913
QCZ9079-681
Y9918
BW1
Y9917
BW1
C9911
OPEN
C9914
OPEN
OPEN
CN90E4
OPEN
GND
K9902
BW2
CN90E3
*
PDP UNIT
Y9919
OPEN
GND3
ISOLATED
K9901
BW2
CN90E2
OPEN
Y9921
OPEN
GND4

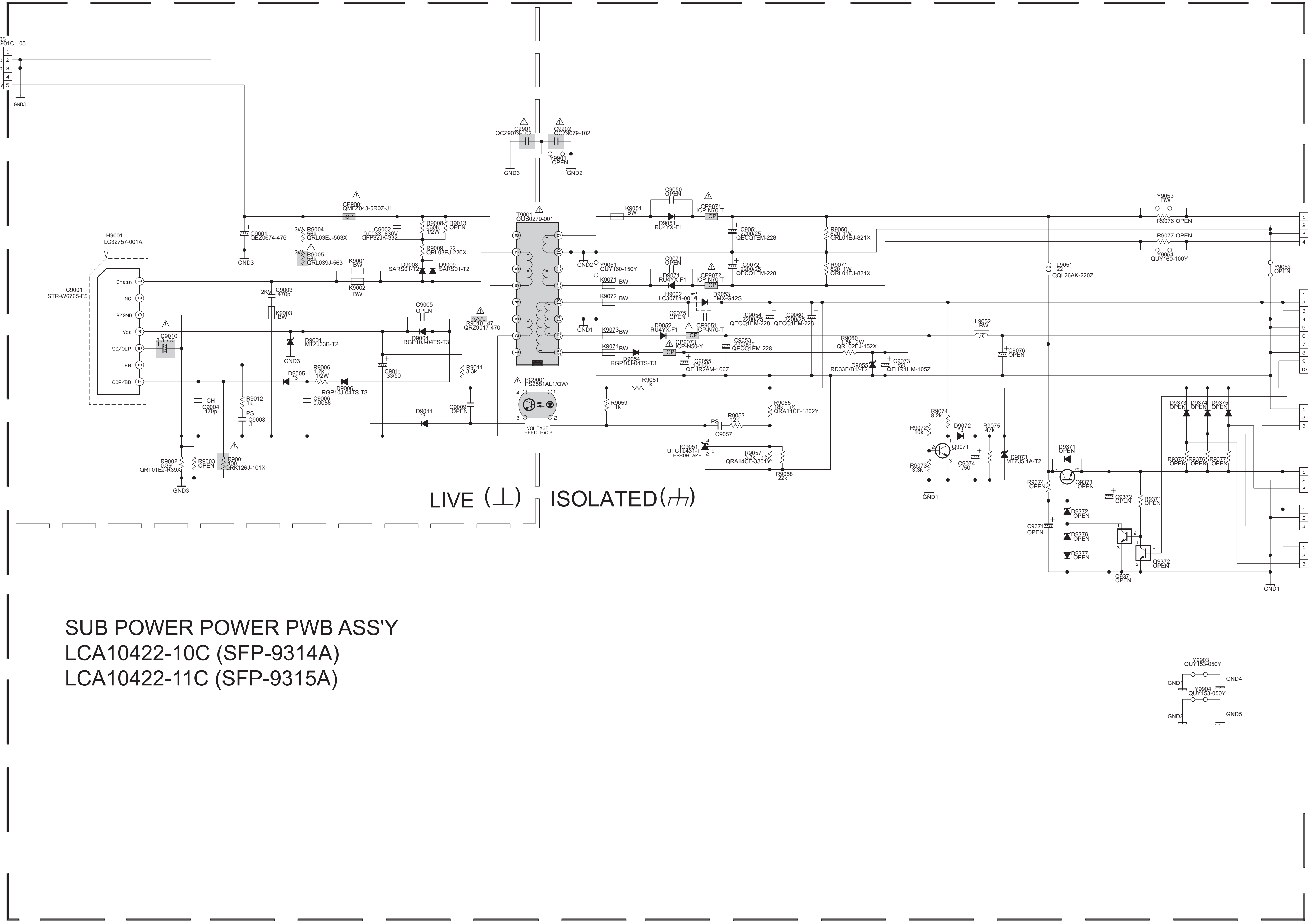
* DIFFERENCE LIST 2

MODEL	PD-42B50BJA PD-42B50BJA	PD-35B50BJA PD-35B50BUA PD-35S50JA	PD-42DV50A PD-42XV70A	PD-35DV50A	PD-42V475SA PD-42V485SA	PD-Z42DV4A PD-Z42DV4SA PD-Z42DV4CA	PD-Z35DV4A PD-Z35DV4SA	PD-42DV50D	PD-42DH50B	PD-42X575KNA PD-42X575TNA	PD-42X50BUA PD-42X50BJA	PD-Z42DV4A	PD-Z42DV4CA PD-Z42DV4SA	PD-42V475TSA PD-42V485TSA
ASSY NO.	SFP-9204A LCA10427-01*	SFP-9205A LCA10427-02*	SFP-9107A LCA10427-03*	SFP-9108A LCA10427-04*	SFP-9510A LCA10427-08*	SFP-9303A LCA10427-06*	SFP-9304A LCA10427-07*	SFP-9110A LCA10427-09*	SFP-9119A LCA10427-11*	SFP-9513A LCA10427-12*	SFP-9207A LCA10427-13*	SFP-9310A LCA10427-14*	SFP-9311A LCA10427-15*	SFP-9519A LCA10427-16*
	OLLC05109	OLLC05109-02	OLLC05109-03	OLLC05109-04	OLLC05109-08	OLLC05109-06	OLLC05109-07	OLLC05109-09	OLLC05109-11	OLLC05109-12	OLLC05109-13	OLLC05109-14	OLLC05109-15	OLLC05109-16
J9901	QNC0099-001	QNC0099-001	QMCB006-C01	QMCB006-C01	QNC0103-001	QNC0103-001	QNC0103-001	QMCB006-C01	QMCB006-C01	QNC0103-001	QNC0099-001	QNC0103-001	QNC0103-001	QNC0103-001
Y9905	OPEN	BW1	OPEN	BW1	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y9906	OPEN	BW1	OPEN	BW1	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y9907	OPEN	BW1	OPEN	BW1	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y9908	OPEN	BW1	OPEN	BW1	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y9922	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	OPEN	OPEN

LINE FILTER PWB ASS'Y
LCA10427-14A (SFP-9310A)
LCA10427-15A (SFP-9311A)

s10219001b_0930_1/1_0.0

SUB POWER PWB CIRCUIT DIAGRAM SHEET 27

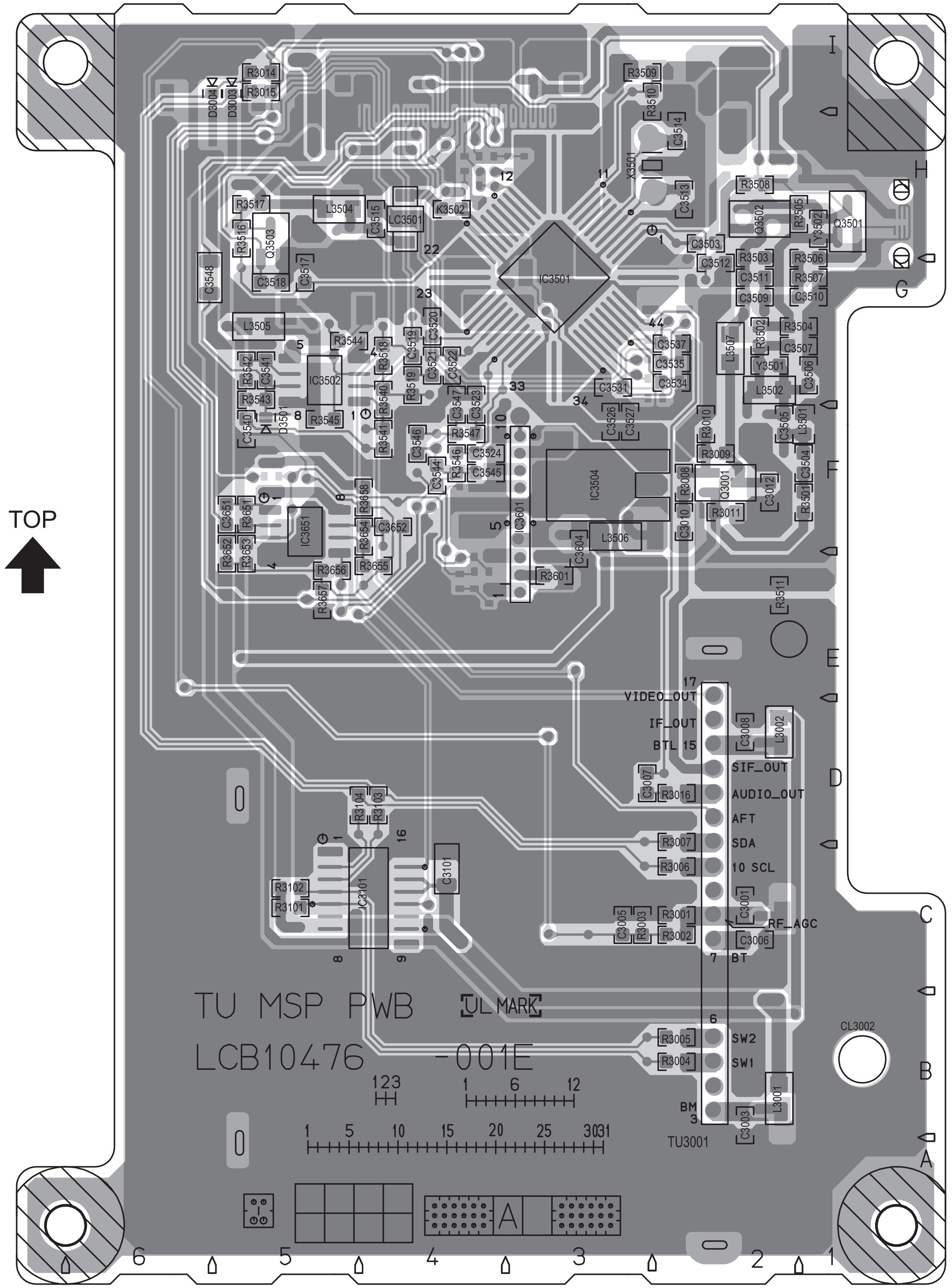

MAIN POWER UNIT
CN8009
CN9005
QGA3901C1-05
GND3
H9001
LC32757-001A
IC9001
STR-W6765-F5
Drain
NC
S/GND
Vcc
SS/OLP
FB
OCP/BD
C9001
QEZ0674-476
CP9001
QMFZ043-5R0Z-J1
R9004
QRL03EJ-563X
R9005
QRL039J-563
C9002
0.0033 630V
QFP32JK-332
R9008
R9013
OPEN
R9009
QRL03EJ-220X
D9008
SARS01-T2
D9009
SARS01-T2
K9001
BW
K9002
BW
C9003
470p
K9003
BW
C9005
OPEN
D9004
RGP10J-04TS-T3
R9010
QRZ9017-470
C9010
D9001
MTZJ33B-T2
D9005
R9006
D9006
RGP10J-04TS-T3
C9011
33/50
R9011
3.3k
C9006
0.0056
C9004
470p
R9012
1k
C9008
R9002
QRT01EJ-R39X
R9003
OPEN
R9001
QRK126J-101X
D9011
C9009
OPEN
PC9001
PS2581AL1/QW/
VOLTAGE FEED BACK
C9901
QCZ9079-102
C9902
QCZ9079-102
Y9901
OPEN
GND2
T9001
QQS0279-001
K9051
BW
C9050
OPEN
D9051
RU4YX-F1
CP9071
ICP-N70-T
C9051
2200/25
QECQ1EM-228
Y9051
QUY160-150Y
C9071
OPEN
D9071
RU4YX-F1
CP9072
ICP-N70-T
C9072
2200/25
QECQ1EM-228
K9071
BW
K9072
BW
H9002
LC30781-001A
D9053
FMX-G12S
C9075
OPEN
C9054
2200/25
QECQ1EM-228
C9060
2200/25
QECQ1EM-228
GND1
K9073
BW
D9052
RU4YX-F1
CP9051
ICP-N70-T
CP9073
ICP-N50-Y
C9053
2200/25
QECQ1EM-228
K9074
BW
D9054
RGP10J-04TS-T3
C9055
10/100
QEHR2AM-106Z
R9060
QRL02EJ-152X
R9051
1k
R9059
1k
R9055
18k
QRA14CF-1802Y
R9053
12k
C9057
IC9051
UTCTL431-T
ERROR AMP
R9057
QRA14CF-3301Y
R9058
22k
R9050
820 1W
QRL01EJ-821X
R9071
820 1W
QRL01EJ-821X
L9051
22
QQL26AK-220Z
L9052
BW
C9076
OPEN
D9055
RD33E/B1/-T2
C9073
1/50
QEHR1HM-105Z
Y9053
BW
R9076 OPEN
R9077 OPEN
Y9054
QUY160-100Y
Y9052
OPEN
CN9001
QGA2501C5-04Z
AUDIO_VCC P
AUDIO_GND
AUDIO_GND
AUDIO_VCC N
AUDIO PWB ASS'Y
CN600Y (SHEET21)
CN9010
QGA2501C1-10
BT32V
19V
19V
GND
GND
11V
13.5V
GND
LB_PRO
LB_POW
REGULATOR
PWB ASS'Y
CN008 (SHEET25)
CN9601
OPEN
GND
NC
19V
R9074
8.2k
R9072
10k
D9072
Q9071
R9073
3.3k
C9074
1/50
R9075
47k
D9073
MTZJ5.1A-T2
D9371
OPEN
R9374
OPEN
Q9373
OPEN
C9372
OPEN
R9371
OPEN
D9372
OPEN
D9376
OPEN
D9377
OPEN
C9371
OPEN
Q9371
OPEN
Q9372
OPEN
D9373
D9374
D9375
R9375
R9376
R9377
CN97FR
FAN VCC
GND
SENSE
CN97FL
CN97FC
Y9903
QUY153-050Y
Y9904
QUY153-050Y
GND4
GND5
LIVE (⊥)
ISOLATED(⏚)

SUB POWER POWER PWB ASS'Y
LCA10422-10C (SFP-9314A)
LCA10422-11C (SFP-9315A)

s10217001b_0930_1/1_0.0

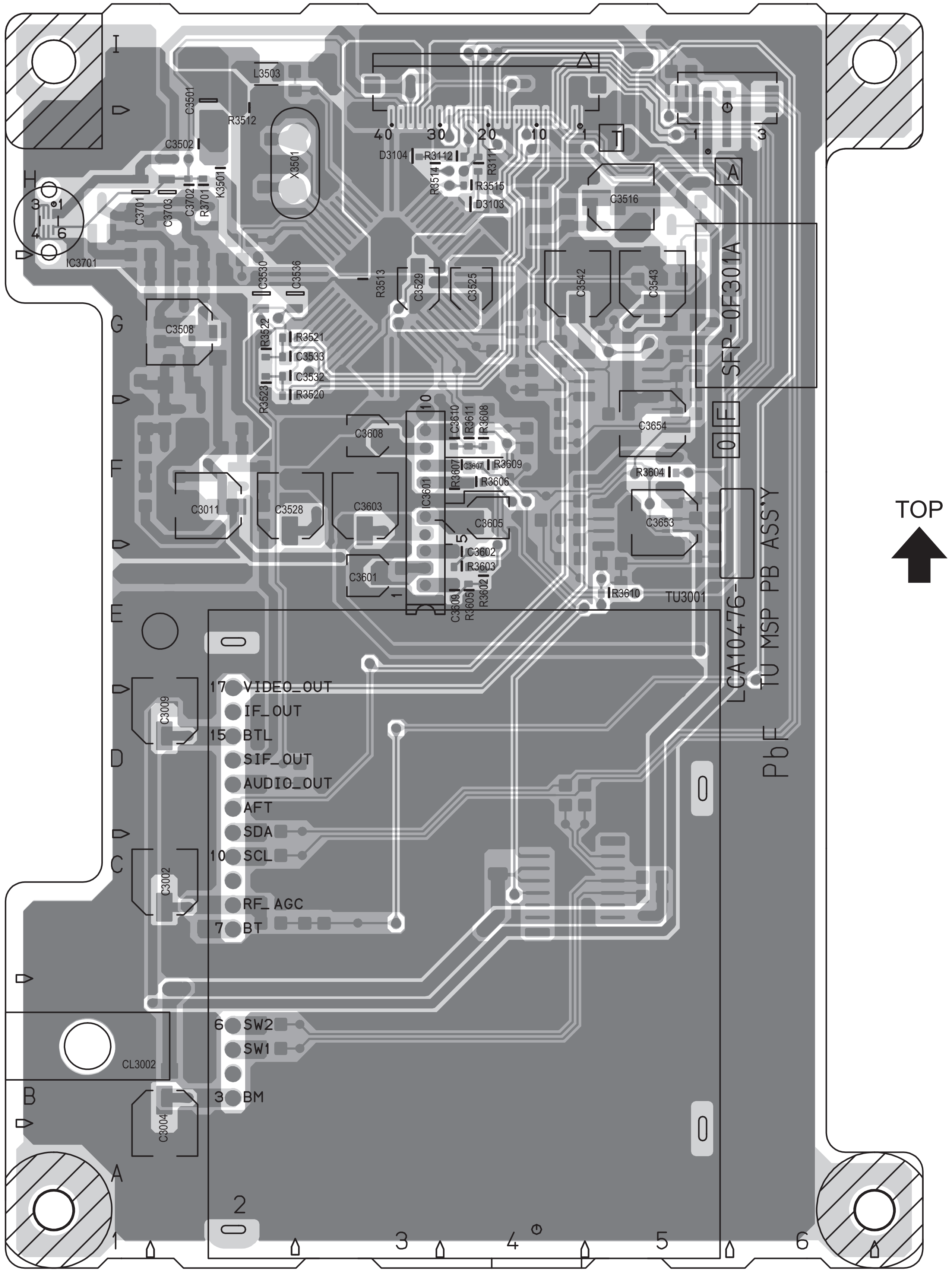
PATTERN DIAGRAMS

RECEIVER PWB PATTERN [SOLDER SIDE]



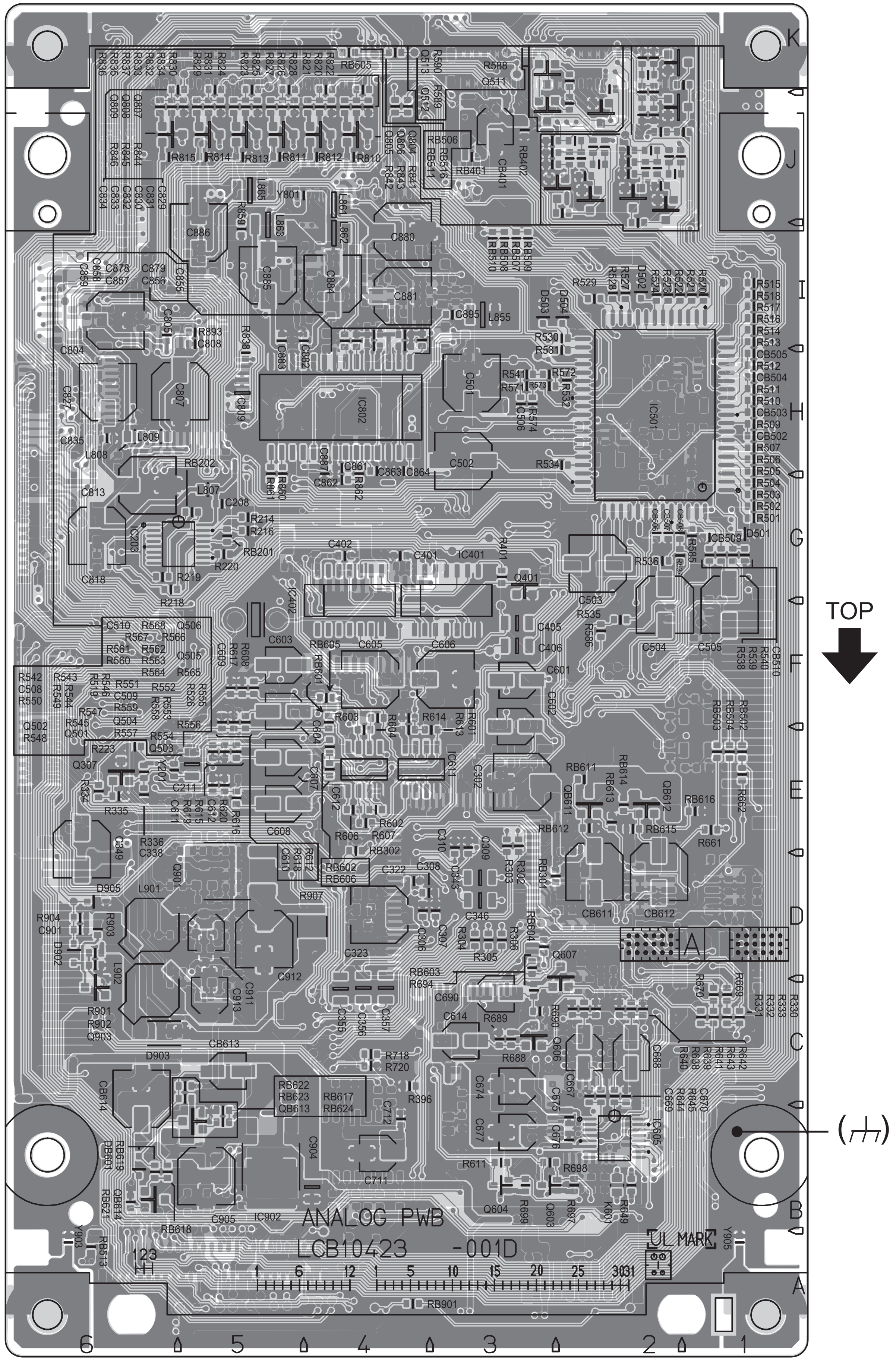
TOP
IC3501
IC3502
IC3504
IC3651
IC3601
C3101
IC3101
X3501
Q3501
Q3502
Q3503
Q3001
Y3501
Y3502
L3501
L3502
L3503
L3504
L3505
L3506
L3507
L3001
L3002
K3502
R3014
R3015
D3003
D3004
R3509
R3510
R3508
R3101
R3102
R3103
R3104
R3001
R3002
R3003
R3004
R3005
R3006
R3007
R3008
R3009
R3010
R3011
R3016
R3511
R3601
VIDEO_OUT
IF_OUT
BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
SCL
RF_AGC
BT
SW2
SW1
BM
17
15
10
7
6
3
TU3001
CL3002
TU MSP PWB
LCB10476
-001E
UL MARK
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

RECEIVER PWB PATTERN[PARTS SIDE]



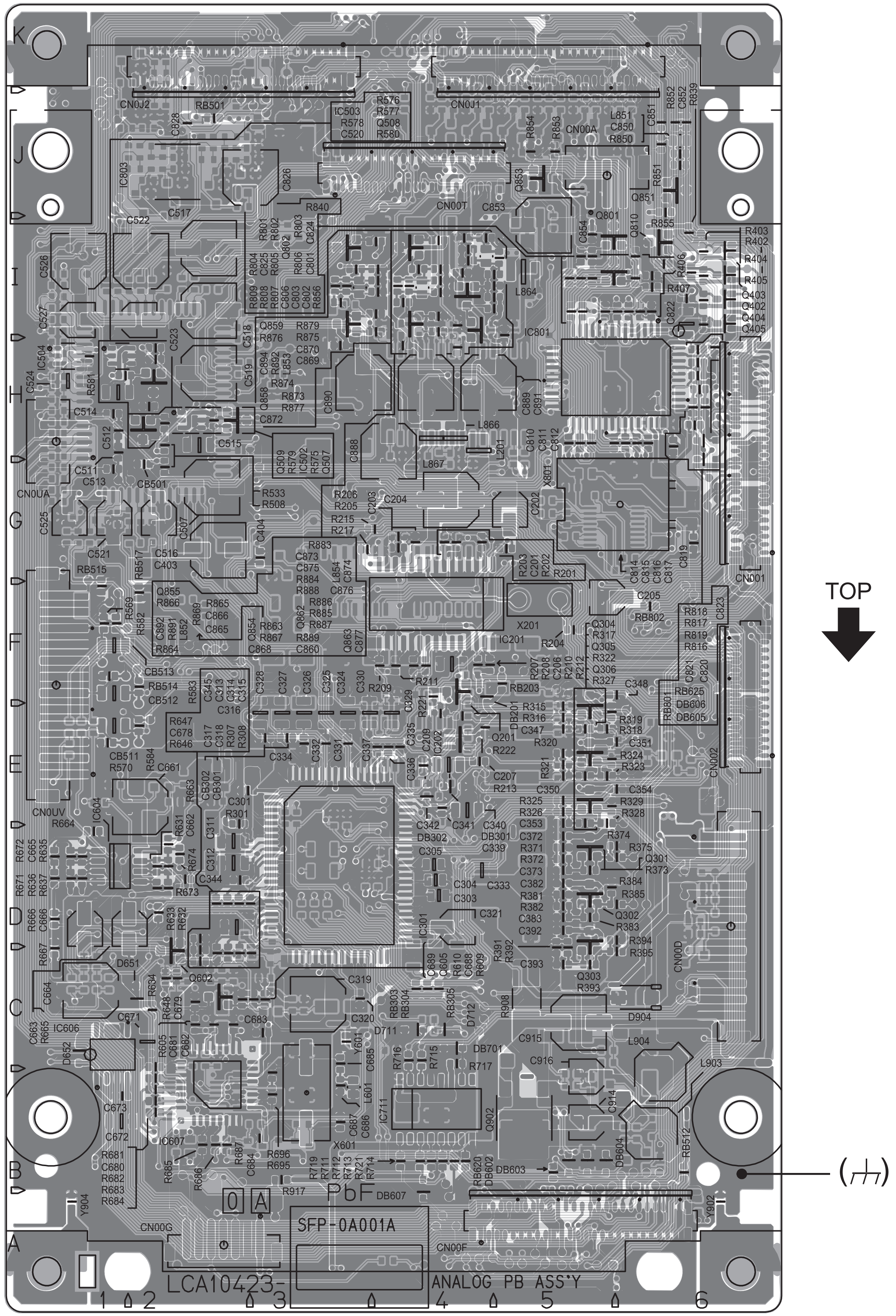
TOP
IC3701
X3501
K3501
L3503
R3512
R3513
R3514
R3515
C3501
C3502
C3516
C3542
C3543
C3508
C3530
C3536
C3529
C3525
C3654
C3608
C3011
C3528
C3603
C3601
C3653
C3605
C3009
C3002
C3004
R3604
R3610
D3104
D3103
R3112
R3111
40
30
20
10
1
3
SFP-0F301A
LCA10476-
TU MSP PB ASS'Y
PbF
TU3001
VIDEO_OUT
IF_OUT
BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
SCL
RF_AGC
BT
SW2
SW1
BM
17
15
10
7
6
3
CL3002
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]



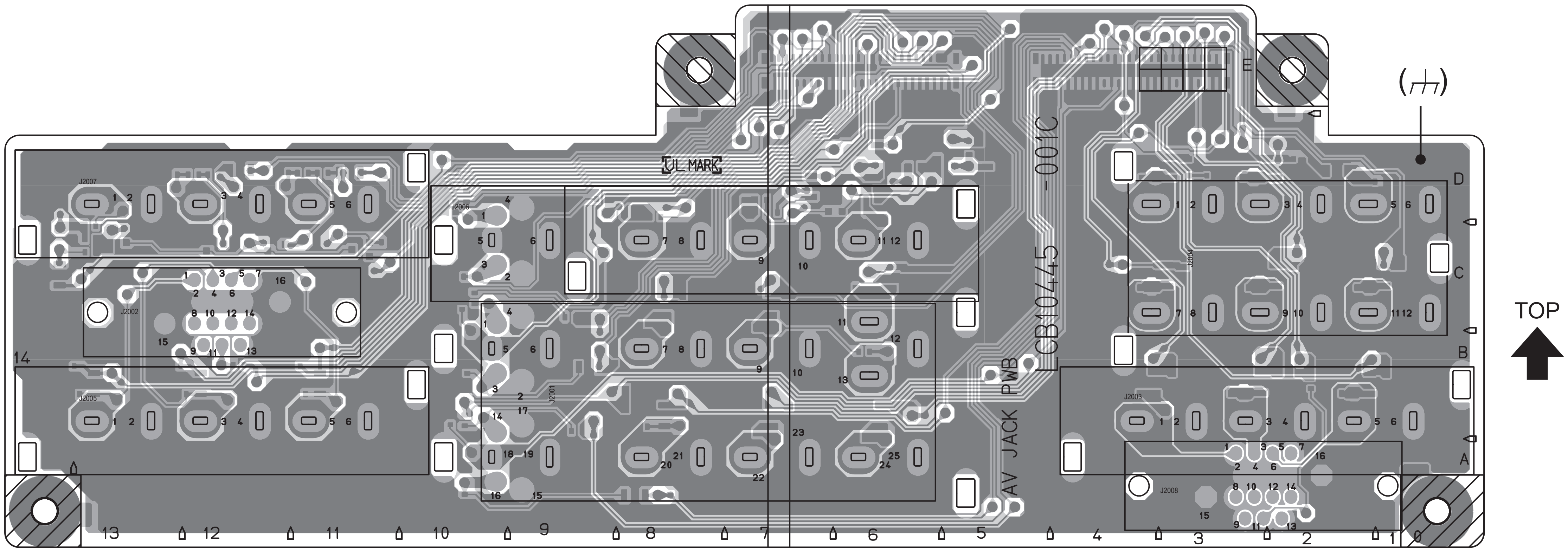
K
J
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1
TOP
(⏊)
IC501
IC802
IC401
IC902
ANALOG PWB
LCB10423 -001D
UL MARK

ANALOG SIGNAL PWB PATTERN [PARTS SIDE]

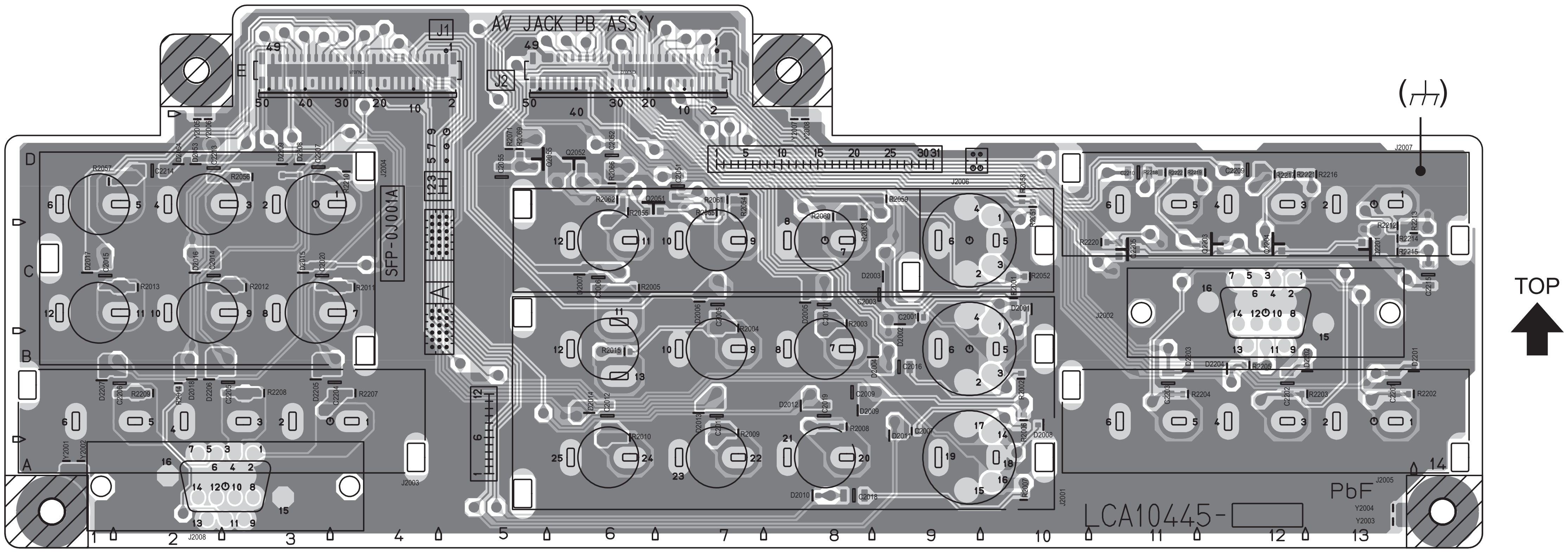


K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
TOP
(⏊)
CN0J2
CN0J1
CN00A
CN00T
CN0UA
CN001
CN002
CN0UV
CN00D
CN00G
CN00F
IC801
IC201
IC711
PbF
SFP-0A001A
LCA10423-
ANALOG PB ASS'Y

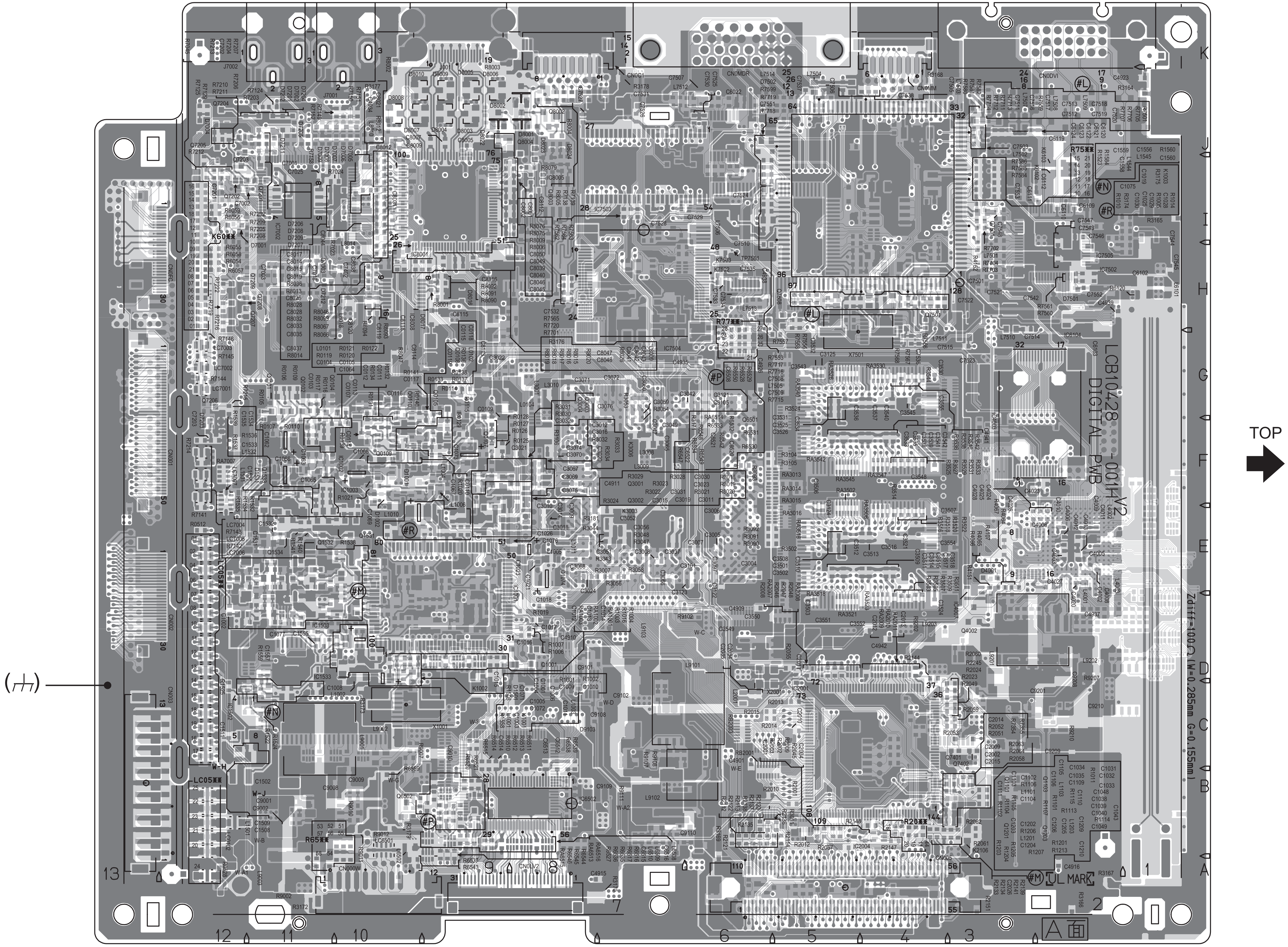
AV JACK PWB PATTERN [SOLDER SIDE]


UL MARK
LCB10445-001C
AV JACK PWB
J2007
J2002
J2005
J2006
J2001
J2004
J2003
J2008
TOP
A
B
C
D
E
13
12
11
10
9
8
7
6
5
4
3
2
1
0

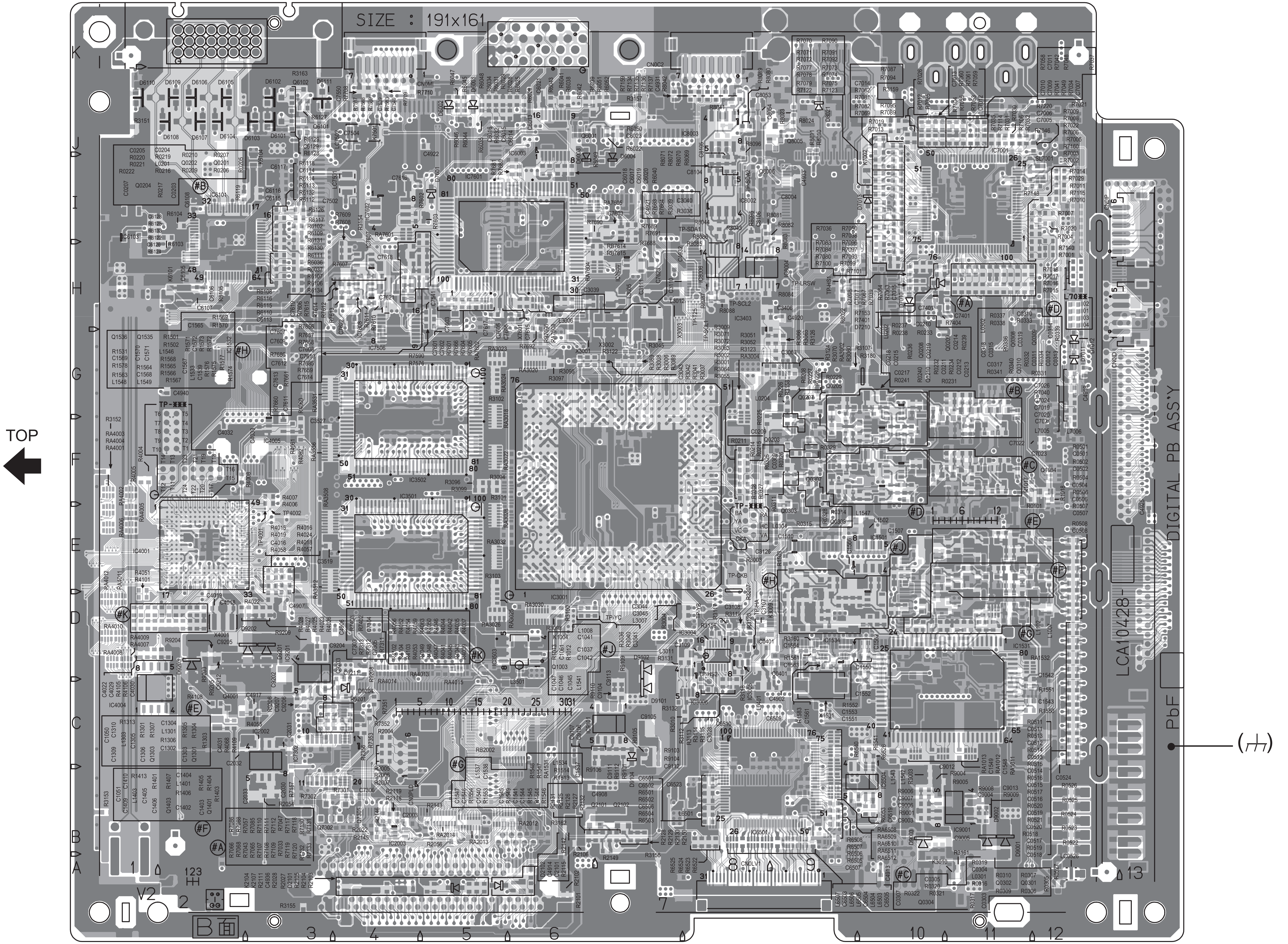
AV JACK PWB PATTERN [PARTS SIDE]


AV JACK PB ASS'Y
J1
J2
SFP-0J001A
LCA10445-
PbF
J2007
J2002
J2005
J2006
J2001
J2004
J2003
J2008
TOP
A
B
C
D
E
1
2
3
4
5
6
7
8
9
10
11
12
13

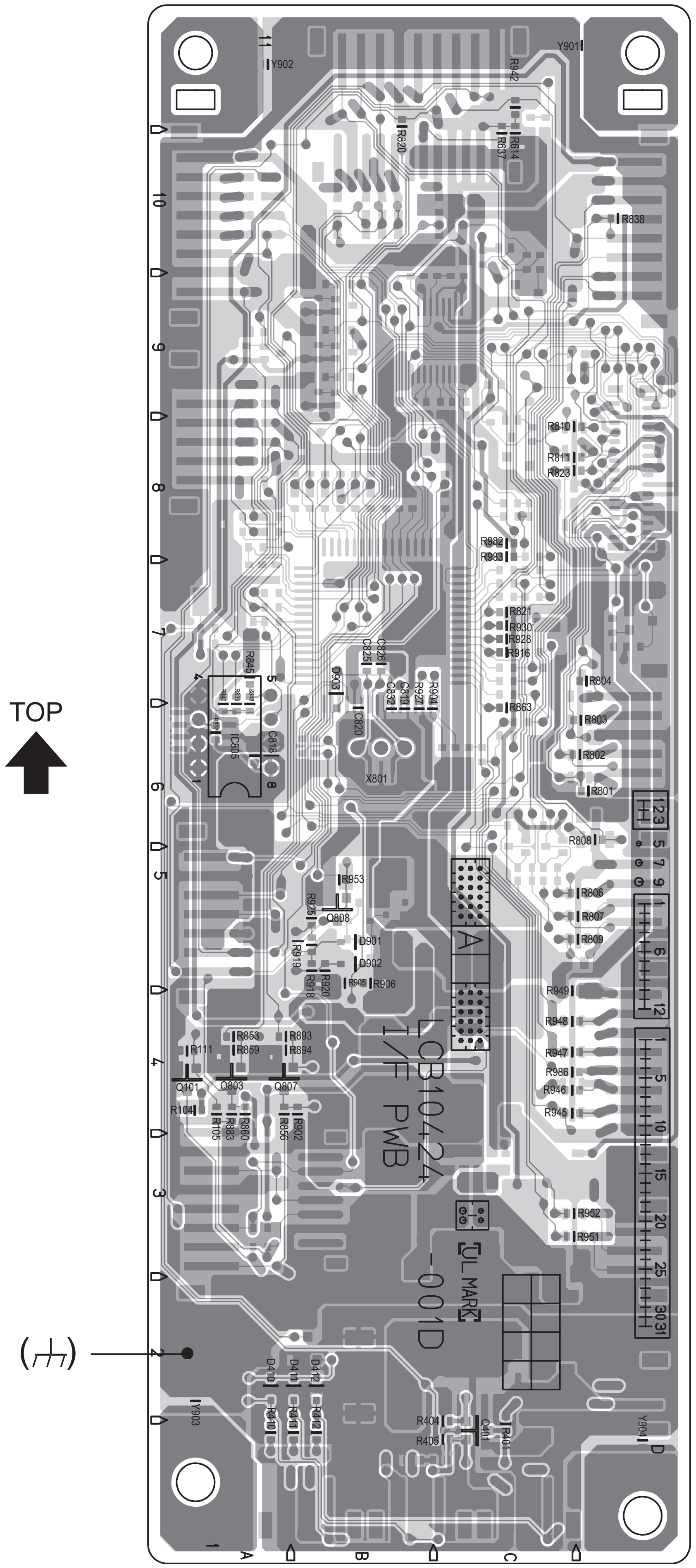
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]


LCB10428-001H V2
DIGITAL PWB
TOP
(⊥)
K
J
I
H
G
F
E
D
C
B
A
13
12
11
10
7
6
5
4
3
2
1
UL MARK
A面
Zdiff=100Ω(W=0.285mm G=0.155mm)

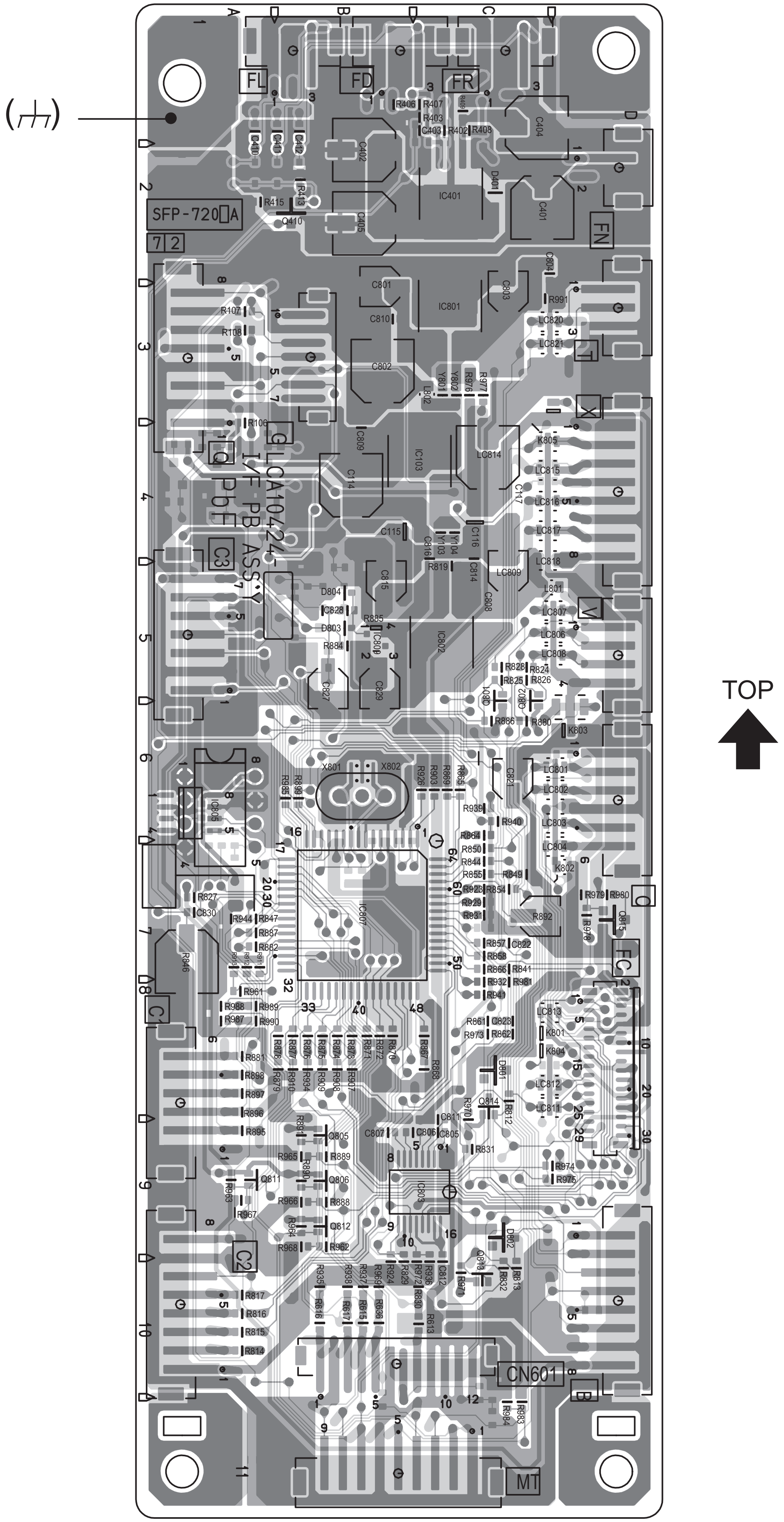
DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]


SIZE : 191x161
TOP
DIGITAL PB ASS'Y
LCA10428-
PbF
(ハ)
B面

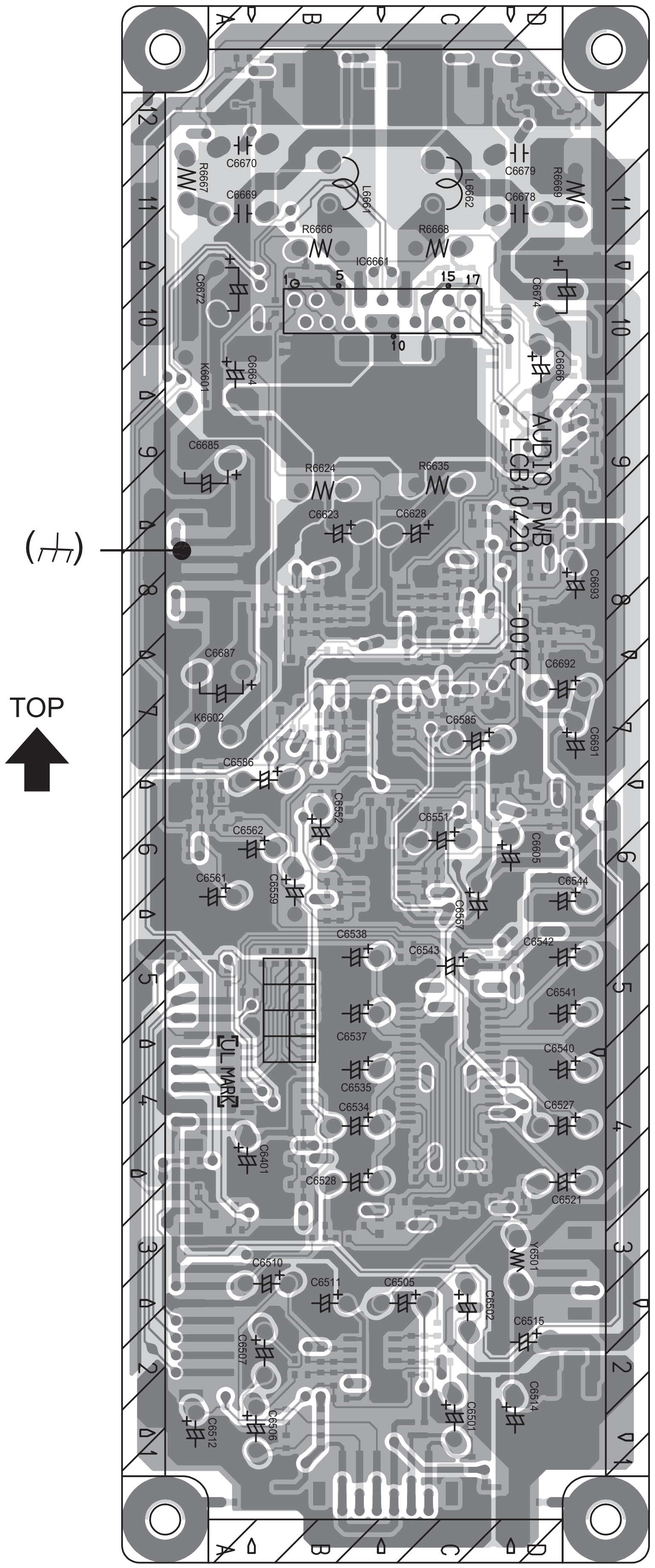
INTERFACE PWB PATTERN [SOLDER SIDE]


TOP
LCB10424
I/F PWB
-001D
UL MARK
X801
IC805
Y901
Y902
Y903
Y904

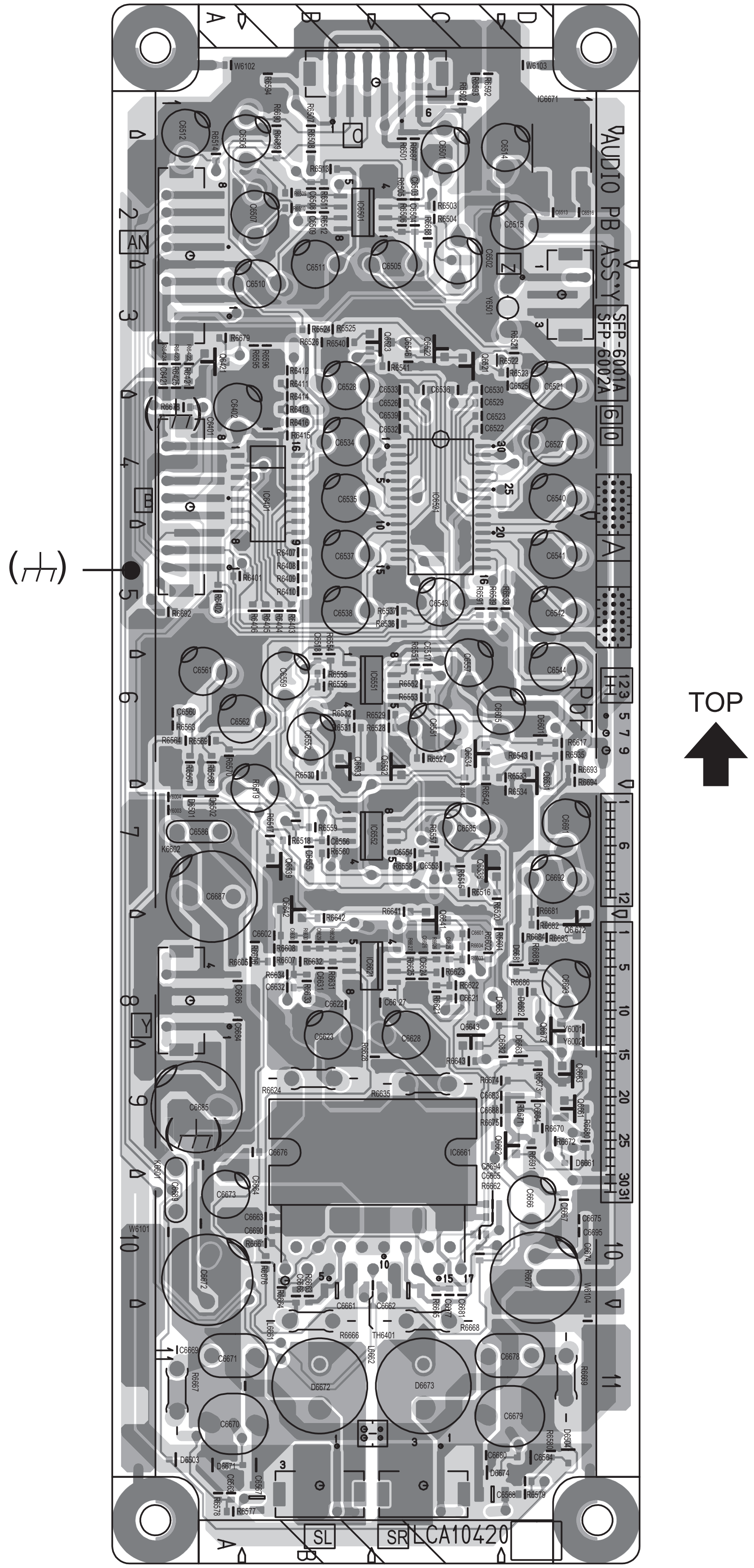
INTERFACE PWB PATTERN [PARTS SIDE]


TOP
SFP-720□A
72
LCA10424-
I/F PB ASS'Y
FL
FD
FR
FN
MT
CN601
IC401
IC801
IC807
IC103
X801
X802

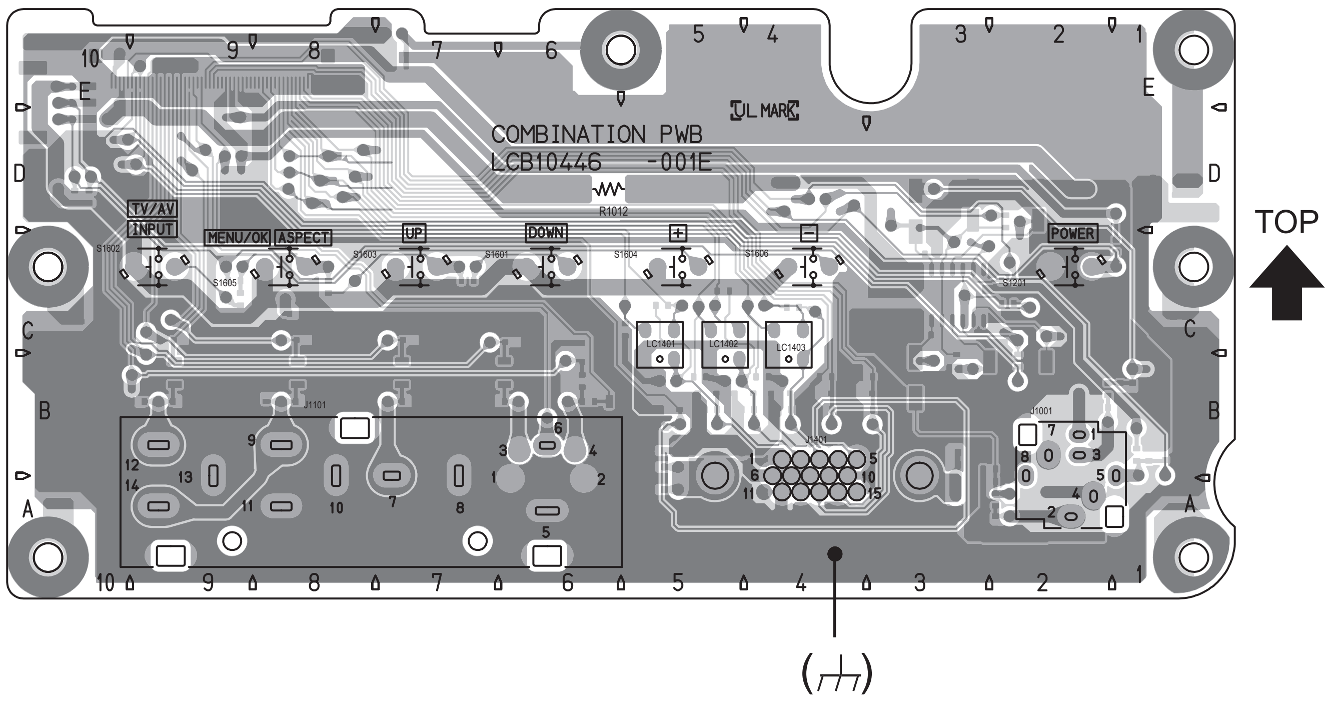
AUDIO PWB PATTERN [SOLDER SIDE]


(⏚)
TOP
AUDIO PWB
LCB10420-001C
IC6661
L6661
L6662
R6666
R6668
R6667
R6669
C6670
C6669
C6679
C6678
C6672
C6674
C6664
C6666
K6601
C6685
R6624
R6635
C6623
C6628
C6693
C6687
K6602
C6692
C6691
C6586
C6585
C6562
C6552
C6551
C6605
C6561
C6559
C6544
C6557
C6538
C6543
C6542
C6541
C6537
C6540
C6535
C6534
C6527
C6401
C6528
C6521
C6510
C6511
C6505
C6502
C6501
C6507
C6515
C6514
C6512
C6506
C6501
UL MARK
A
B
C
D
1
2
3
4
5
6
7
8
9
10
11
12

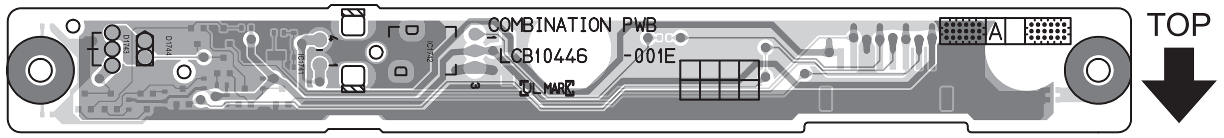
AUDIO PWB PATTERN [PARTS SIDE]


(⏚)
TOP
AUDIO PB ASS'Y SFP-6001A
SFP-6002A
LCA10420
SL
SR
AN
IC6661
IC6671
W6101
W6102
D6672
D6673
TH6401
C6671
C6672
C6677
C6679
C6670
C6685
C6687
A
B
C
D
1
2
3
4
5
6
7
8
9
10
11
12

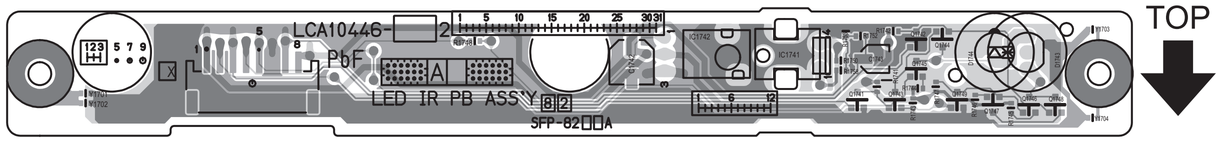
FRONT CONTROL PWB PATTERN [SOLDER SIDE]


COMBINATION PWB
LCB10446 -001E
TV/AV INPUT
MENU/OK
ASPECT
UP
DOWN
+
−
POWER
TOP
A
B
C
D
E
1
2
3
4
5
6
7
8
9
10
(⏚)

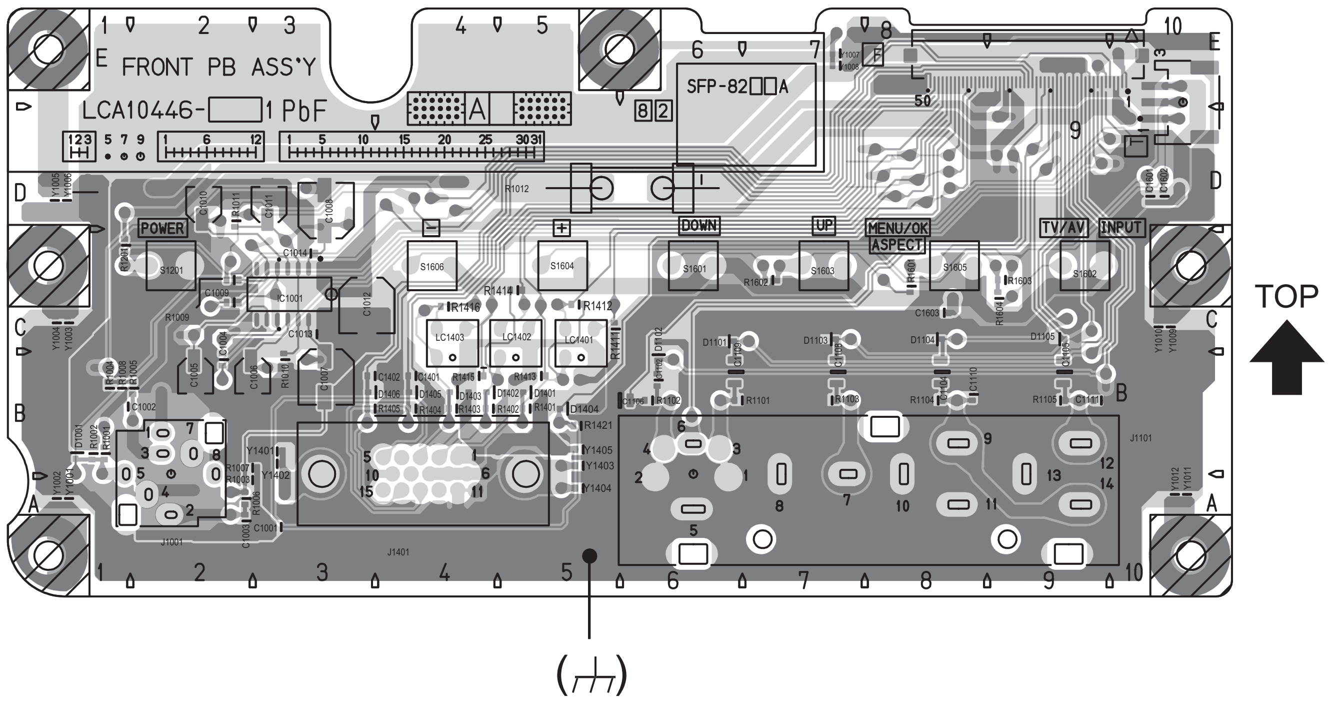
FRONT LED PWB PATTERN [SOLDER SIDE]


COMBINATION PWB
LCB10446 -001E
A
TOP

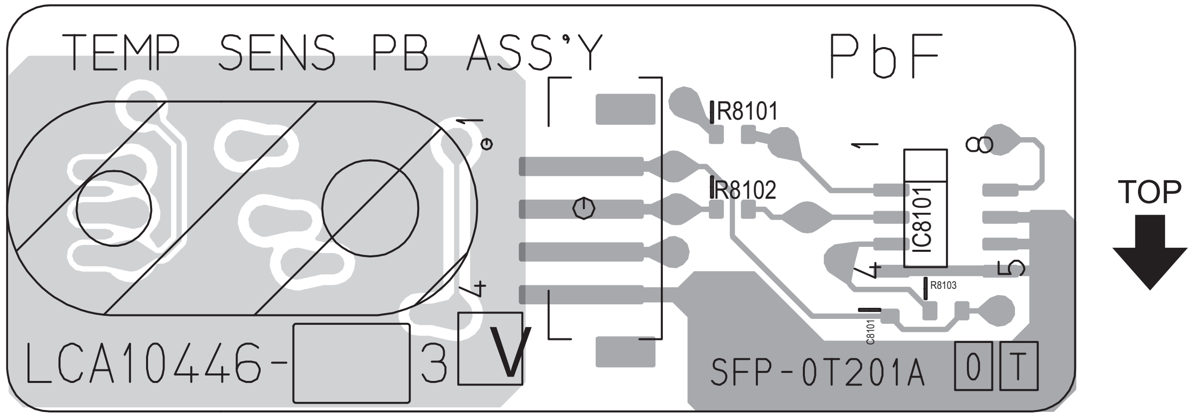
FRONT LED PWB PATTERN [PARTS SIDE]


LCA10446- 2
PbF
A
LED IR PB ASS'Y
8 2
SFP-82□□A
TOP

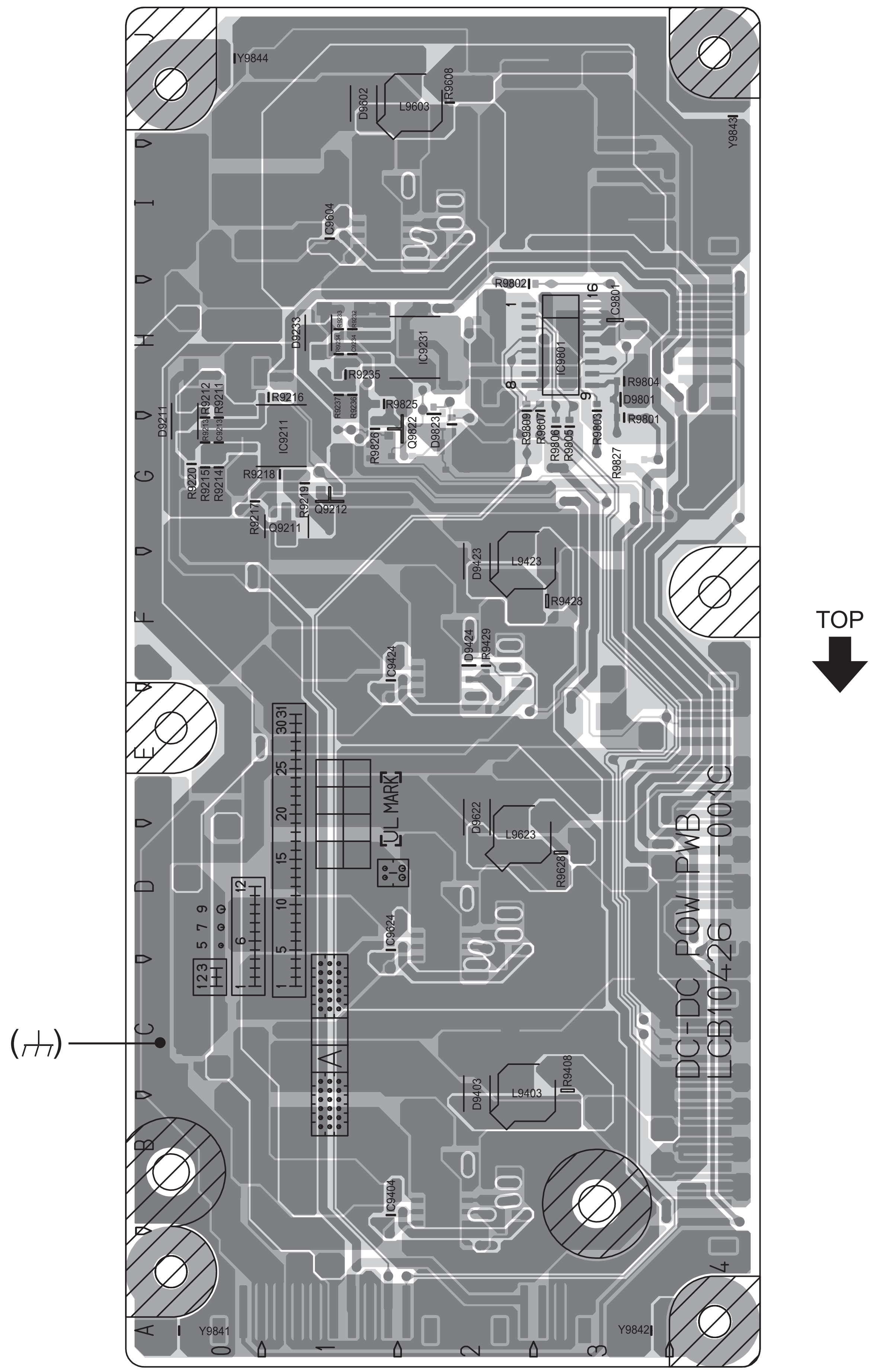
FRONT CONTROL PWB PATTERN [PARTS SIDE]


FRONT PB ASS'Y
LCA10446- 1 PbF
A
8 2
SFP-82□□A
POWER
−
+
DOWN
UP
MENU/OK
ASPECT
TV/AV
INPUT
IC1001
LC1401
LC1402
LC1403
J1101
J1401
TOP
A
B
C
D
E
1
2
3
4
5
6
7
8
9
10
(⏚)

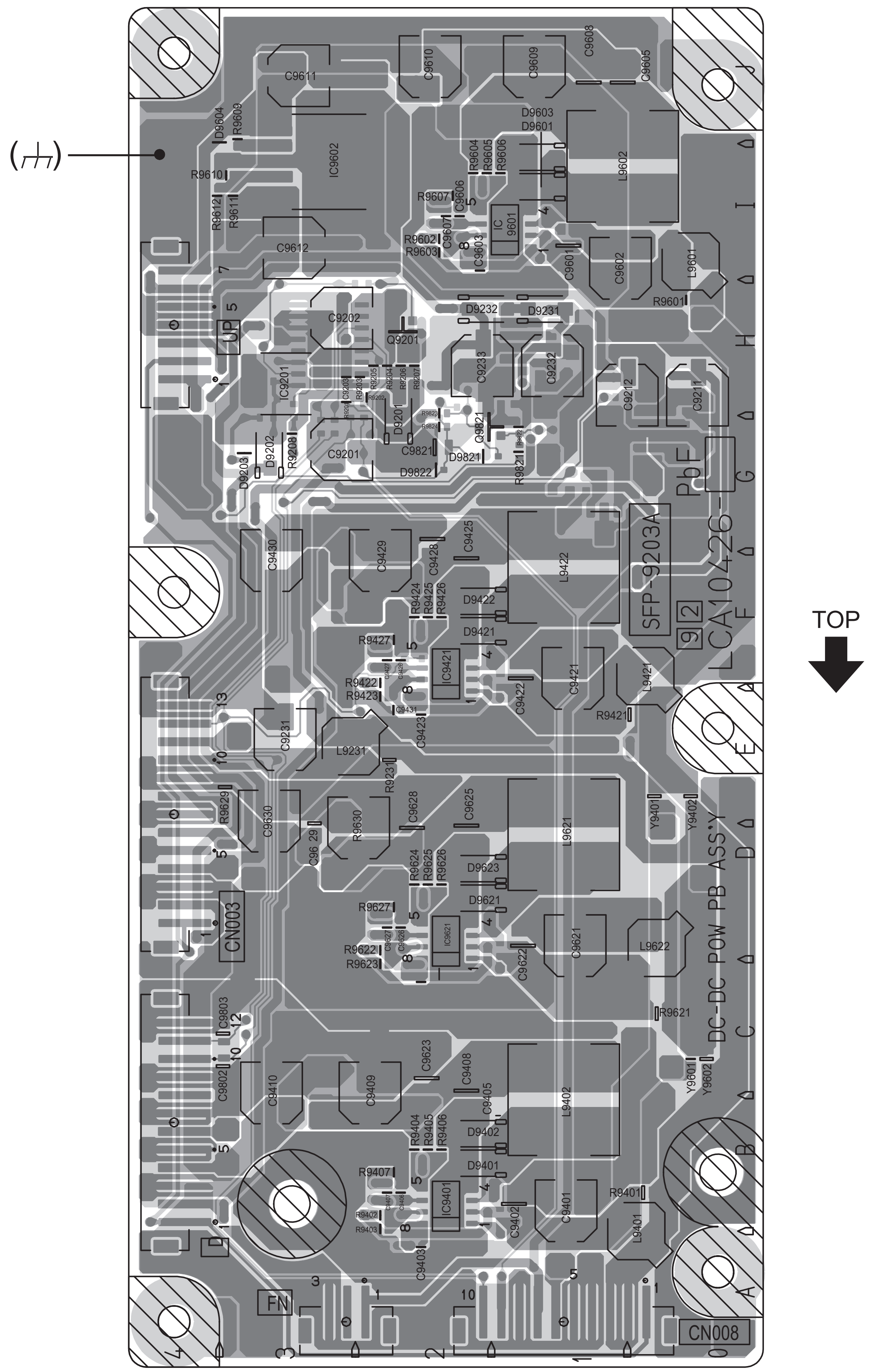
TEMP. SENSOR PWB PATTERN


TEMP SENS PB ASS'Y
PbF
R8101
R8102
IC8101
R8103
C8101
LCA10446- 3 V
SFP-0T201A 0 T
TOP

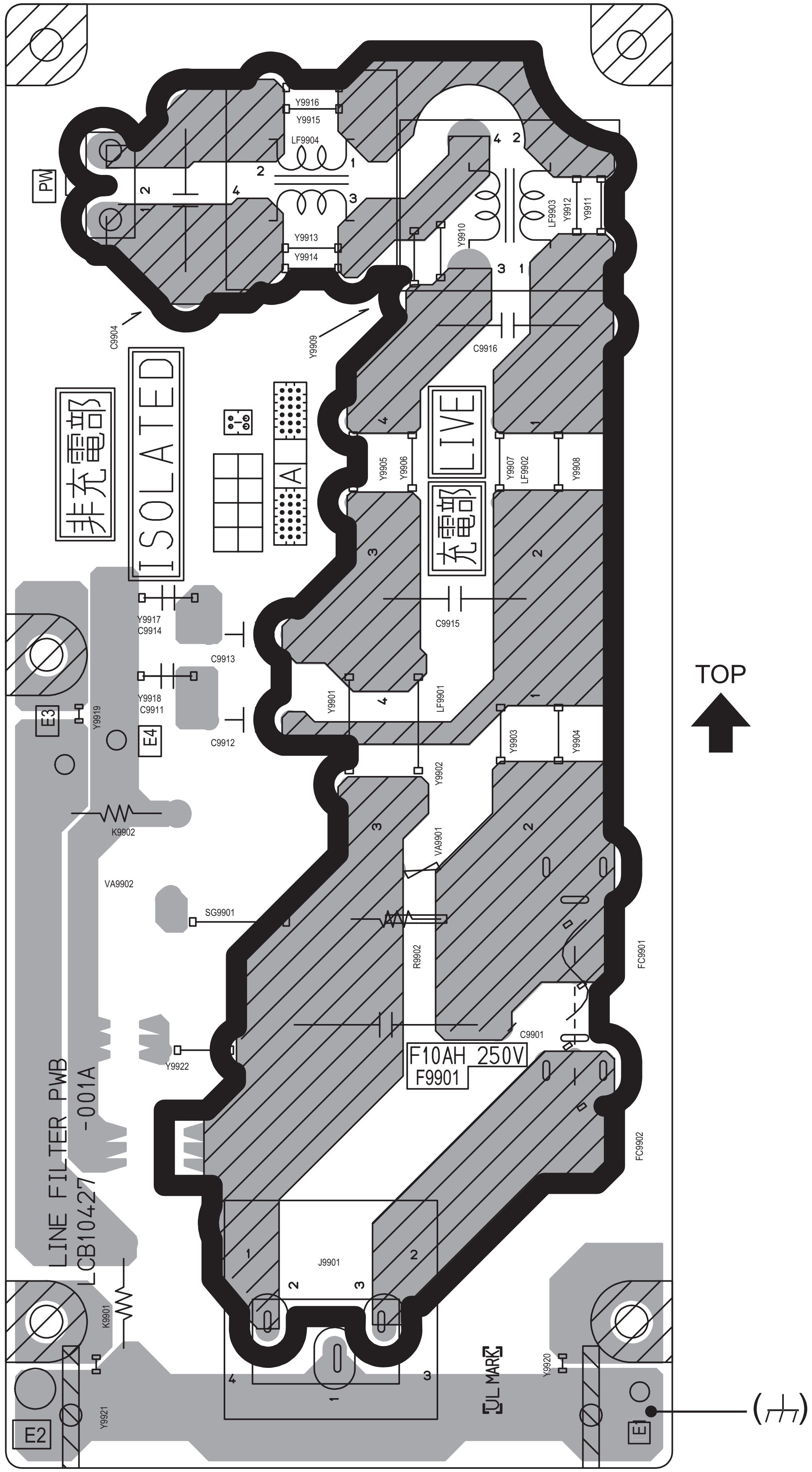
REGULATOR PWB PATTERN [SOLDER SIDE]


TOP
Y9844
Y9843
Y9841
Y9842
D9602
L9603
R9608
C9604
R9802
IC9801
C9801
R9804
D9801
R9801
R9827
D9233
R9235
IC9231
R9825
Q9822
D9823
R9826
R9216
R9212
R9211
D9211
IC9211
R9218
R9220
R9215
R9214
R9219
Q9212
R9217
Q9211
D9423
L9423
R9428
C9424
D9424
R9429
UL MARK
D9622
L9623
R9628
C9624
D9403
L9403
R9408
C9404
DC-DC POW PWB
LCB10426-001C
A
B
C
D
E
F
G
H
I
J

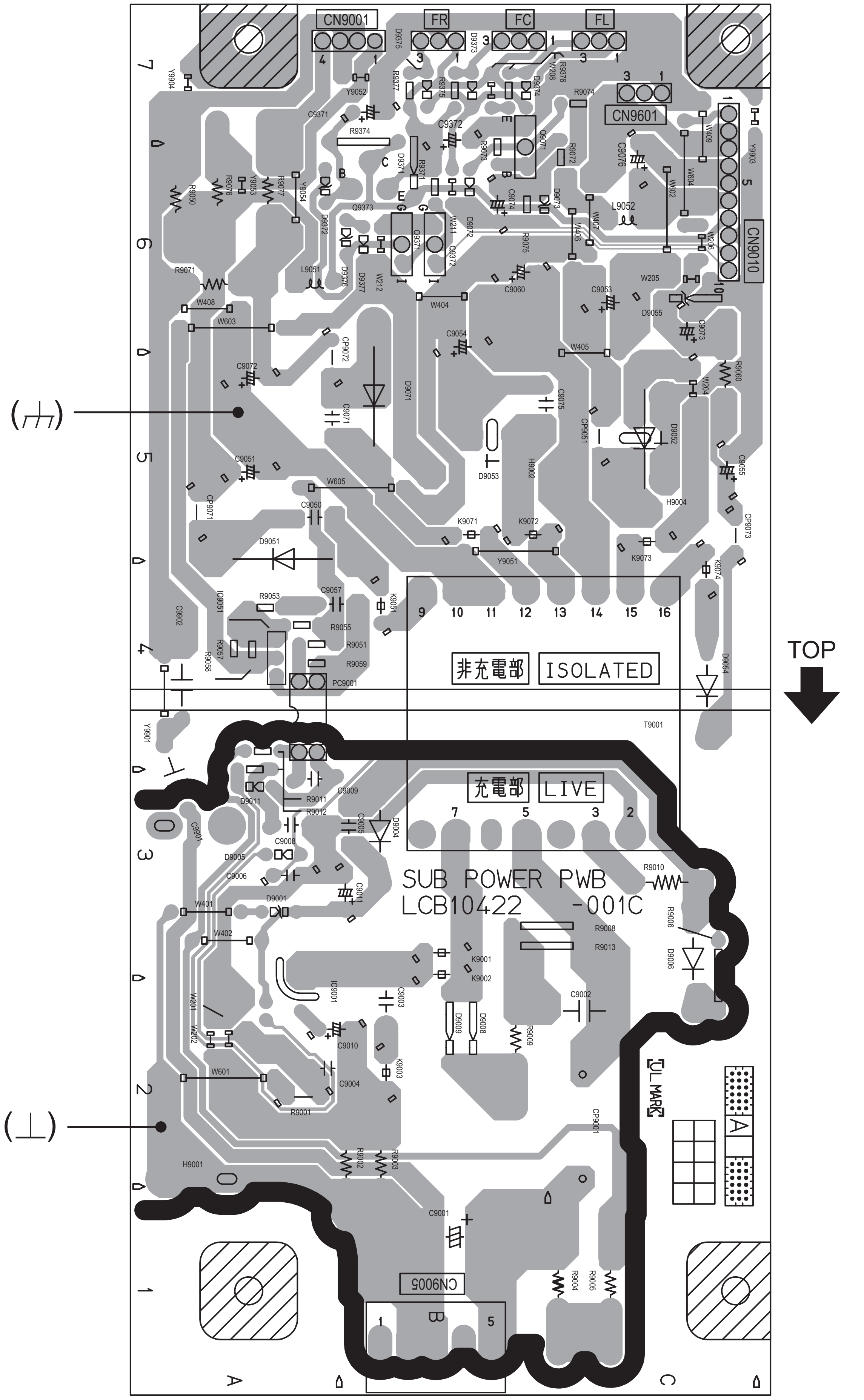
REGULATOR PWB PATTERN [PARTS SIDE]


TOP
C9611
C9610
C9609
C9608
C9605
D9604
R9609
IC9602
D9603
D9601
L9602
R9610
R9604
R9605
R9606
R9607
C9606
R9612
R9611
IC9601
C9612
R9602
R9603
C9607
C9603
C9601
C9602
L9601
R9601
UP
C9202
Q9201
D9232
D9231
C9233
C9232
C9212
C9211
IC9201
D9201
C9201
D9202
D9203
C9821
Q9821
D9821
D9822
R9821
P0F
SFP-9203A
LCA10426
C9430
C9429
C9428
C9425
L9422
R9424
R9425
R9426
D9422
D9421
R9427
R9422
R9423
IC9421
C9422
C9421
L9421
R9421
C9423
C9231
L9231
R9231
R9629
C9630
C9629
R9630
C9628
C9625
L9621
Y9401
Y9402
R9624
R9625
R9626
D9623
D9621
R9627
R9622
R9623
IC9621
C9622
C9621
L9622
CN003
R9621
DC-DC POW PB ASS'Y
C9803
C9802
C9410
C9409
C9623
C9408
C9405
L9402
Y9601
Y9602
R9404
R9405
R9406
D9402
D9401
R9407
IC9401
C9402
C9401
R9401
L9401
C9403
FN
CN008

LINE FILTER PWB PATTERN


PW
Y9916
Y9915
LF9904
Y9913
Y9914
C9904
Y9909
Y9910
LF9903
Y9912
Y9911
C9916
非充電部
ISOLATED
LIVE
充電部
Y9905
Y9906
Y9907
LF9902
Y9908
C9915
Y9917
C9914
C9913
Y9918
C9911
C9912
E3
E4
Y9919
Y9901
LF9901
Y9903
Y9904
Y9902
K9902
VA9902
VA9901
SG9901
R9902
FC9901
C9901
F10AH 250V
F9901
Y9922
FC9902
LINE FILTER PWB
LCB10427 -001A
J9901
K9901
Y9921
Y9920
UL MARK
E2
E1
(⏚)
TOP

SUB POWER PWB PATTERN


CN9001
FR
FC
FL
CN9601
CN9010
C9372
C9076
L9052
Q9373
L9051
C9060
C9053
W205
D9055
W404
W405
C9054
W408
W603
C9072
D9071
CP9071
CP9072
C9051
W605
D9053
H9002
H9004
C9050
K9071
K9072
D9051
Y9051
K9073
R9053
C9057
R9055
R9051
R9059
PC9001
CP9073
9 10 11 12 13 14 15 16
非充電部
ISOLATED
充電部
LIVE
T9001
7 5 3 2
SUB POWER PWB
LCB10422 -001C
R9010
R9006
R9008
R9013
D9006
C9002
K9001
K9002
IC9001
C9003
W401
W402
D9001
C9009
D9004
R9011
R9012
C9008
C9005
C9006
C9010
C9004
W601
R9001
R9002
R9003
R9009
D9008
D9009
K9003
CP9001
UL MARK
H9001
C9001
CN9005
R9004
R9005
B
1 5
7 6 5 4 3 2 1
A B C
(⏚)
(⊥)
TOP

VOLTAGE CHARTS

< RECEIVER PWB >
[P.2-9 - P.2-10]

PIN NO.	VOLTAGE(V)
IC3101	
1	4.1
2	4.1
3	4.1
4	4.1
5	4.4
6	4.5
7	0.1
8	4.1
9	4.0
10	4.1
11	4.0
12	3.4
13	4.0
14	1.3
15	1.3
16	0
17	0
18	3.3
19	9.0
20	0
21	4.0
22	4.1
23	4.2
24	3.9
25	4.1
26	4.1
27	4.1
28	2.2
29	4.1
30	4.1
31	2.0
32	4.0
33	4.1
34	4.1
35	4.1
36	4.1
37	4.1
38	4.1
39	4.0
40	4.0
41	1.2
42	4.1
43	4.0
44	4.1
45	4.1
46	4.1
47	4.1
48	4.1
IC3102	
1	4.5
2	4.6
3	4.5
4	0
5	4.5
6	4.5
7	4.6
8	9.0
IC3104	
1	4.5
2	4.6
3	4.5
4	4.5
5	0
6	0
7	0
8	4.5
9	4.5
10	4.5
11	4.5
12	9.0
13	9.0
14	9.0
IC3105	
1	4.5
2	4.5
3	4.5
4	0
5	4.5
6	4.5
7	4.5
8	9.0
Q3001	
E	3.8
C	0
B	3.2
Q3002	
E	3.2
C	9.0
B	3.8
Q3109	
E	0
C	9.0
B	0

PIN NO.	VOLTAGE(V)
Q3110	
E	0
C	0
B	3.3
TU3001	
1	0
2	0
3	4.8
4	0
5	0
6	0
7	1.8
8	2.0
9	0
10	4.2
11	4.8
12	3.2
13	2.7
14	0
15	31.0
16	0
17	2.0

< ANALOG SIGNAL PWB >
[P.2-11 - P.2-12]

PIN NO.	VOLTAGE(V)
IC501	
1	4.0
2	4.5
3	3.9
4	0
5	4.5
6	0
7	4.9
8	4.3
9	4.5
10	4.2
11	4.5
12	4.5
13	0.2
14	0
15	4.0
16	4.5
17	4.0
18	4.5
19	4.5
20	0
21	5.0
22	4.0
23	4.5
24	4.0
25	4.5
26	4.5
27	0.1
28	5.0
29	4.5
30	4.0
31	4.5
32	9.1
33	4.4
34	4.4
35	0
36	4.5
37	4.5
38	4.5
39	3.7
40	4.5
41	4.2
42	9.1
43	4.5
44	4.1
45	4.5
46	3.7
47	3.5
48	0
49	0
50	4.4
51	4.5
52	4.6
53	4.3
54	4.4
55	3.6
56	3.9
57	0
58	1.3
59	4.5
60	4.3
61	4.5
62	4.5
63	4.3
64	4.5

[P.2-13 - P.2-14]

PIN NO.	VOLTAGE(V)
IC711	
1	0
2	2.5
3	4.6
4	0.4
5	2.2
6	4.5
7	0.4
8	0
9	2.5
10	0
11	5.0
12	4.9
13	0
14	4.4
15	4.4
16	4.9
IC801	
1	2.2
2	1.9
3	1.2
4	0
5	2.1
6	0
7	0
8	0
9	0.3

PIN NO.	VOLTAGE(V)
10	0.8
11	2.3
12	4.8
13	4.4
14	4.5
15	0
16	0
17	0
18	0
19	0
20	2.4
21	1.5
22	1.7
23	1.7
24	0
25	2.1
26	2.1
27	2.1
28	0
29	0
30	0
31	0
32	4.8
33	2.1
34	2.3
35	2.3
36	0
37	4.9
38	3.8
39	1.6
40	3.1
41	2.1
42	4.4
43	1.6
44	2.1
45	0
46	2.6
47	3.6
48	1.7
IC802	
1	1.3
2	3.0
3	4.8
4	2.4
5	0
6	1.8
7	2.2
8	0
9	0
10	0
11	4.7
12	0
13	4.8
14	0
15	4.4
16	4.6
17	0
18	0
19	2.4
20	4.8
21	0
22	2.4
23	2.4
24	3.3
25	3.1
26	0
27	3.5
28	1.6
Q402	
S	2.9
D	3.0
G	4.4
Q403	
S	3.0
D	2.9
G	4.4
Q404	
S	2.9
D	3.2
G	4.8
Q405	
S	2.9
D	3.2
G	4.8
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.5
C	0
B	2.0

PIN NO.	VOLTAGE(V)
Q810	
E	1.8
C	0
B	1.2
Q851	
E	1.6
C	0
B	1.0
Q853	
E	2.0
C	9.0
B	2.7
Q854	
E	2.5
C	9.0
B	3.1
Q855	
E	1.8
C	0
B	1.1
Q858	
E	2.9
C	9.0
B	3.5
Q859	
E	3.5
C	0
B	2.9
Q862	
E	0.9
C	3.8
B	1.4
Q863	
E	3.2
C	4.8
B	3.8

[P.2-15 - P.2-16]

PIN NO.	VOLTAGE(V)
IC201	
1	0.3
2	0.2
3	0
4	0
5	0
6	0
7	6.2
8	0
9	4.9
10	0
11	8.8
12	1.3
13	0
14	0
15	0
16	0
17	0
18	0
19	0.5
20	0
21	4.5
22	4.4
23	0
24	2.0
25	1.3
26	2.1
27	0
28	0.3
29	0.1
30	4.8
IC202	
1	0.5
2	0.5
3	0
4	0.2
5	3.1
IC301	
1	4.8
2	4.5
3	4.4
4	0
5	4.6
6	0
7	4.7
8	4.7
9	4.7
10	0.5
11	4.5
12	4.5
13	0
14	4.7
15	0
16	4.7
17	4.7
18	4.7

PIN NO.	VOLTAGE(V)
19	0.4
20	4.5
21	4.5
22	0
23	4.5
24	4.4
25	0
26	0
27	4.3
28	0
29	00
30	4.3
31	9.1
32	4.5
33	0
34	0
35	4.5
36	4.5
37	0
38	4.5
39	4.5
40	4.5
41	4.5
42	0
43	4.6
44	4.5
45	0
46	4.5
47	9.0
48	4.7
49	0
50	0
51	0
52	4.6
53	0.5
54	0
55	4.5
56	0
57	4.7
58	0
59	4.6
60	0
61	4.7
62	0.4
63	4.5
64	4.5
65	0
66	4.6
67	4.6
68	4.6
69	0
70	4.5
71	4.5
72	0
73	4.8
74	4.7
75	4.7
76	4.6
77	0
78	4.5
79	4.5
80	0
Q307	
E	2.9
C	0
B	2.3
QB613	
E	0
C	4.9
B	-0.1
QB614	
E	4.5
C	-1.1
B	4.9

[P.2-19 - P.2-20]

PIN NO.	VOLTAGE(V)
IC902	
1	4.9
2	0
3	3.3
Q901	
E	9.8
C	9.1
B	9.0
Q902	
E	5.6
C	4.9
B	4.8

< AV JACK PWB >
[P.2-21 - P.2-22]

PIN NO.	VOLTAGE(V)
Q2203	
E	0
C	0
B	2.2
Q2204	
E	0
C	0
B	2.3
Q2205	
E	2.4
C	2.3
B	1.9

< DIGITAL SIGNAL PWB >
[P.2-23 - P.2-24]

PIN NO.	VOLTAGE(V)
IC1502	
1	4.3
2	0
3	3.7
4	0
5	0
6	9.1
7	3.6
8	0

[P.2-25 - P.2-26]

PIN NO.	VOLTAGE(V)
IC0401	
1	3.1
2	0.2
3	0
4	3.1
5	3.3
Q0101	
E	3.8
C	7.8
B	4.4
Q0102	
E	8.5
C	4.6
B	7.8
Q0104	
E	5.3
C	0
B	4.6
Q0107	
E	1.5
C	0
B	0.8
Q0108	
E	0.9
C	9.1
B	1.3
Q0109	
1	1.5
2	0.1
3	1.5
4	1.5
5	0.1
6	1.4
Q0110	
1	0
2	0.6
3	0.6
4	0.2
5	0.6
6	0.1
Q0201	
E	3.8
C	7.8
B	4.5
Q0202	
E	8.6
C	4.9
B	7.8
Q0203	
E	0
C	1.7
B	0
Q0204	
E	5.7
C	0
B	5.0
Q0207	
E	2.5
C	0
B	1.8
Q0208	
E	1.8
C	9.1
B	2.4
Q0209	
1	2.4
2	0.1
3	2.4
4	2.5
5	0.2
6	2.4
Q0210	
1	0
2	0.6
3	0.6
4	0.2
5	0.6
6	0.1
Q0301	
E	0
C	7.8
B	4.4

PIN NO.	VOLTAGE(V)
Q0302	
E	8.5
C	4.9
B	7.8
Q0303	
E	0
C	1.8
B	0
Q0304	
E	5.7
C	0
B	5.0
Q0307	
E	2.5
C	0
B	1.8
Q0308	
E	1.8
C	9.1
B	2.4
Q0309	
1	2.4
2	0.2
3	2.4
4	2.5
5	0.2
6	2.5
Q0310	
1	0
2	0.6
3	0.6
4	0.2
5	0.6
6	0.1

[P.2-27 - P.2-28]

PIN NO.	VOLTAGE(V)
IC1001	
1	2.5
2	1.2
3	1.2
4	0
5	3.3
6	1.7
7	1.6
8	0
9	0
10	1.5
11	0
12	0
13	0
14	0
15	0
16	0
17	1.5
18	0
19	0
20	0
21	1.5
22	0
23	0
24	3.3
25	0
26	0
27	0
28	0
29	0
30	3.3
31	3.2
32	3.2
33	0
34	0
35	0
36	1.5
37	0
38	0
39	0
40	0
41	0
42	3.3
43	0.5
44	0.9
45	0
46	0.6
47	1.8
48	1.4
49	1.3
50	0
51	1.4
52	0
53	2.4
54	1.2
55	1.3
56	0
57	0

PIN NO.	VOLTAGE(V)
58	1.5
59	1.5
60	0
61	0
62	0
63	1.2
64	3.3
65	1.1
66	1.1
67	0
68	1.1
69	1.0
70	1.5
71	1.0
72	1.0
73	0
74	2.2
75	0.2
76	0
77	1.6
78	1.6
79	0
80	1.1
81	0.9
82	1.7
83	1.2
84	0
85	1.1
86	2.3
87	0.7
88	0.8
89	1.7
90	1.2
91	2.4
92	1.2
93	0
94	1.2
95	0.7
96	2.4
97	1.9
98	0
99	1.1
100	1.4
Q1001	
E	0
C	3.3
B	0
Q1003	
E	1.3
C	2.4
B	2.0
Q1004	
E	4.2
C	0
B	3.6
Q1101	
E	3.0
C	9.1
B	3.6
Q1103	
E	1.7
C	0
B	1.1
Q1201	
E	3.8
C	9.1
B	4.5
Q1203	
E	2.1
C	0
B	1.4
Q1301	
E	3.9
C	9.1
B	4.5
Q1303	
E	2.6
C	0
B	2.0
Q1401	
E	3.9
C	9.1
B	4.6
Q1403	
E	2.6
C	0
B	1.9

[P.2-31 - P.2-32]

PIN NO.	VOLTAGE(V)
IC3005	
1	0.9
2	0.9
3	0
4	0
5	3.3
IC3006	
1	3.3
2	0.2
3	0
4	0
5	0.1
6	0.2
7	3.3
8	3.3
IC3403	
1	0
2	3.2
3	0
4	3.3
IC3501	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.3
24	0.3
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.4
36	0.6
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.6
48	0.6
49	0.7
50	0.7
51	0.7
52	0
53	1.8
54	1.3
55	1.2
56	0.4
57	0.4
58	1.2
59	2.4
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.3
66	0
67	2.5
68	1.3
69	1.2
70	0
71	1.2
72	1.2
73	2.4
74	1.2

PIN NO.	VOLTAGE(V)
75	1.2
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.4
96	2.4
97	1.2
98	1.2
99	0
100	1.2
IC3502	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.5
9	1.2
10	1.2
11	0
12	1.2
13	0
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.2
25	1.7
26	1.5
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.4
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.8
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	1.3
55	1.1
56	0.4
57	0.3
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.5
66	0
67	2.4
68	1.2

PIN NO.	VOLTAGE(V)
69	1.2
70	0
71	1.2
72	1.2
73	2.4
74	1.2
75	0
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	0
96	2.4
97	1.2
98	1.2
99	0
100	1.2
IC3503	
1	0
2	2.5
3	1.2
4	1.2
5	2.4
6	2.3
7	2.4
8	1.2
Q3001	
E	2.2
C	3.3
B	2.8
Q3002	
E	2.9
C	0
B	2.2
Q3003	
E	0.7
C	3.3
B	1.3
Q3004	
E	1.2
C	0
B	0.7

[P.2-33 - P.2-34]

PIN NO.	VOLTAGE(V)
IC4003	
1	0
2	0
3	0
4	0
5	0
6	0
7	3.2
8	3.3
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0.3
22	0.5
23	0.4
24	0
25	0.5
26	0.5
27	0.5
28	0.5
29	0.4
30	3.3
31	0
32	3.3

PIN NO.	VOLTAGE(V)
IC4004	
1	0
2	0
3	0
4	0
5	3.2
6	3.3
7	0
8	3.3
IC4005	
1	2.4
2	1.6
3	0
4	1.1
5	3.3

[P.2-35 - P.2-36]

PIN NO.	VOLTAGE(V)
IC6502	
1	3.3
2	1.2
3	0.7
4	0.6
5	0
6	0.7
7	0.6
8	0
9	3.3
10	1.2
11	0.6
12	0.5
13	0
14	1.1
15	0.8
16	0.6
17	0
18	1.2
19	0.7
20	0.7
21	0
22	0.7
23	0.6
24	0.5
25	1.7
26	3.3
27	0
28	0
29	0
30	3.3
31	0.7
32	3.3
33	0
34	3.2
35	0
36	0
37	0
38	1.3
39	1.3
40	0
41	0
42	0
43	0
44	3.3
45	0
46	1.3
47	1.1
48	0
49	0
50	0
51	0.7
52	0.7
53	0
54	0.6
55	0.5
56	0
CN0LV2	
1	0
2	0
3	1.3
4	1.1
5	0
6	0
7	1.3
8	1.1
9	0
10	0
11	1.3
12	1.2
13	0
14	0
15	1.2
16	1.3
17	0
18	0
19	1.2

PIN NO.	VOLTAGE(V)
20	1.2
21	0
22	3.2
23	0
24	0
25	0
26	0
27	3.0
28	0
29	3.0
30	0
31	0

[P.2-39 - P.2-40]

PIN NO.	VOLTAGE(V)
IC7601	
1	0.2
2	1.4
3	0
4	0
5	0
6	1.7
7	3.6
8	0
9	0
10	0
11	0
12	3.3
13	1.8
14	0
15	1.3
16	3.1
17	1.2
18	1.6
19	0
20	3.3
21	0
22	0
23	0
24	3.3
25	0
26	0
27	0.7
28	0.9
29	0.9
30	3.3
31	0
32	0
33	0
34	0
35	3.3
36	3.2
37	0.6
38	3.2
39	0
40	0
41	3.3
42	0
43	0
44	0
45	0
46	0
47	0
48	3.3
49	3.3
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0
62	2.8
63	0
64	3.3
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0

PIN NO.	VOLTAGE(V)
80	0
81	0
82	0
83	0
84	3.3
85	0.5
86	3.0
87	3.2
88	3.2
89	0
90	0
91	0
92	0
93	3.3
94	3.3
95	0.2
96	1.4
97	1.9
98	0.1
99	4.9
100	1.8
IC7602	
1	0
2	0
3	0
4	0
5	3.2
6	3.2
7	0
8	3.3
IC7603	
1	0
2	0
3	0
4	3.3
5	3.3
IC7607	
1	1.7
2	1.7
3	4.9
4	2.6
5	0
6	4.9
IC7608	
1	1.7
2	1.7
3	5.0
4	3.4
5	0
6	4.9

[P.2-41 - P.2-42]

PIN NO.	VOLTAGE(V)
IC7001	
1	3.3
2	0
3	0
4	3.2
5	0
6	0
7	3.3
8	0
9	3.2
10	3.3
11	3.3
12	3.3
13	3.3
14	0
15	3.3
16	3.3
17	3.3
18	0
19	0
20	3.3
21	3.3
22	3.3
23	1.6
24	1.5
25	0
26	0
27	0
28	0
29	0
30	3.3
31	0.4
32	0
33	0
34	0
35	0
36	3.3
37	0
38	3.3
39	0
40	0
41	0

PIN NO.	VOLTAGE(V)
42	3.3
43	0
44	0
45	2.3
46	0.6
47	0
48	3.3
49	3.3
50	1.8
51	3.1
52	3.3
53	0.6
54	3.2
55	3.3
56	3.3
57	3.2
58	3.2
59	0
60	3.1
61	0
62	2.2
63	0.5
64	0
65	0
66	3.3
67	0
68	3.3
69	3.3
70	3.3
71	0
72	0
73	3.2
74	0
75	3.3
76	3.1
77	3.6
78	0
79	3.3
80	0.1
81	0
82	3.3
83	3.3
84	3.2
85	3.2
86	3.0
87	2.9
88	0
89	3.3
90	2.9
91	0
92	0
93	0
94	0
95	3.0
96	3.3
97	0
98	0
99	3.3
100	2.4
IC7002	
1	0
2	0
3	0
4	0
5	3.2
6	3.3
7	0
8	3.3
IC7401	
1	3.3
2	3.3
3	0
4	0
Q7206	
E	0
C	1.7
B	1.4
Q7207	
E	3.3
C	3.2
B	0

[P.2-43 - P.2-44]

PIN NO.	VOLTAGE(V)
IC9001	
1	8.1
2	17.9
3	3.3
4	0
5	1.1
6	1.1
7	5.0
8	0

PIN NO.	VOLTAGE(V)
IC9101	
1	7.3
2	17.8
3	2.5
4	0
5	1.2
6	1.3
7	4.9
8	0.2
IC9201	
1	6.4
2	17.9
3	1.5
4	0
5	1.2
6	1.1
7	4.6
8	0.2

< INTERFACE PWB >
[P.2-45 - P.2-46]

PIN NO.	VOLTAGE(V)
IC801	
1	5.0
2	0
3	3.4
IC802	
1	4.9
2	0
3	3.4
IC805	
1	0
2	0
3	0
4	0
5	4.9
6	4.9
7	0
8	5.0
IC807	
1	1.8
2	0
3	58.0
4	3.1
5	0
6	3.3
7	5.0
8	0
9	0
10	2.4
11	2.5
12	5.0
13	0
14	0
15	5.0
16	5.0
17	5.0
18	0
19	0
20	5.0
21	5.0
22	0
23	5.0
24	4.9
25	5.0
26	4.5
27	4.7
28	4.4
29	4.5
30	5.0
31	0
32	0
33	0
34	0
35	5.0
36	5.0
37	4.8
38	0
39	5.0
40	5.0
41	5.0
42	5.0
43	5.0
44	0
45	0.3
46	0
47	5.0
48	0
49	5.0
50	5.0
51	5.0
52	5.0
53	4.8
54	0
55	3.2
56	5.0
57	0
58	0.4
59	0
60	0
61	5.0
62	0
63	5.0
64	5.0
IC809	
1	5.0
2	5.0
3	0
4	0
Q803	
E	5.0
C	5.0
B	4.4
Q805	
S	3.4
D	3.0
G	4.5

PIN NO.	VOLTAGE(V)
Q806	
S	3.4
D	2.9
G	4.4
Q807	
E	5.0
C	5.0
B	4.4
Q813	
S	3.3
D	3.1
G	5.0
Q814	
S	3.4
D	3.3
G	4.9
Q815	
E	0
C	4.8
B	0

[P.2-47 - P.2-48]

PIN NO.	VOLTAGE(V)
IC103	
1	5.6
2	0
3	5.0
Q101	
E	0
C	0
B	0.6

< AUDIO PWB >
[P.2-49 - P.2-50]

PIN NO.	VOLTAGE(V)
IC6521	
1	6.1
2	6.1
3	6.1
4	6.1
5	6.1
6	6.1
7	6.1
8	6.1
9	0.9
10	6.1
11	3.1
12	3.1
13	4.6
14	4.7
15	00
16	12.1
17	4.9
18	0
19	5.5
20	5.3
21	6.1
22	6.1
23	6.1
24	6.1
25	6.1
26	6.1
27	6.1
28	6.1
29	6.1
30	6.1
IC6551	
1	6.3
2	6.2
3	6.2
4	0
5	6.2
6	6.3
7	6.3
8	12.1
IC6552	
1	6.3
2	6.3
3	6.2
4	0
5	6.1
6	6.3
7	6.2
8	12.1
IC6621	
1	-13.6
2	0
3	0
4	-13.8
5	0
6	0
7	-13.6
8	12.9
IC6661	
1	-13.6
2	-0.3
3	-13.7
4	-13.8
5	13.5
6	9.8
7	1.4
8	-13.8
9	-0.6
10	-13.8
11	1.4
12	9.8
13	13.5
14	-13.8
15	-3.3
16	-0.2
17	-13.6
IC6671	
1	13.5
2	0
3	12.1
Q6521	
E	0
C	0
B	-1.7
Q6522	
E	0
C	0
B	-1.7
Q6523	
E	0
C	-1.7
B	0

PIN NO.	VOLTAGE(V)
Q6531	
E	0
C	2.8
B	0
Q6532	
E	0
C	0
B	0.6
Q6533	
E	0
C	0
B	0.7
Q6534	
E	0.7
C	0.7
B	0.1
Q6538	
E	0
C	0
B	0.5
Q6539	
E	0
C	0
B	0.5
Q6661	
E	13.5
C	13.5
B	0
Q6662	
E	-13.8
C	-13.7
B	-13.1
Q6663	
E	0
C	0
B	4.5
Q6672	
E	0
C	12.0
B	0
Q6673	
E	11.6
C	0.1
B	12.0

< FRONT LED PWB >
[P.2-53]

PIN NO.	VOLTAGE(V)
IC1742	
1	3.7
2	5.0
3	0
Q1741	
E	0
C	0
B	3.3
Q1742	
E	0
C	0
B	3.3
Q1743	
E	2.4
C	2.2
B	0
Q1744	
E	2.2
C	2.0
B	0
Q1745	
E	2.1
C	2.0
B	0

< TEMP. SENSOR PWB >
[P.2-54]

PIN NO.	VOLTAGE(V)
IC8101	
1	4.6
2	4.7
3	0
4	0
5	0
6	0
7	0
8	4.9

< REGULATOR PWB >
[P.2-55 - P.2-56]

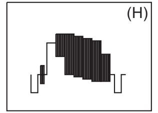
PIN NO.	VOLTAGE(V)
IC9401	
1	13.5
2	17.9
3	9.0
4	0
5	1.2
6	1.3
7	4.9
8	0
IC9621	
1	9.8
2	11.2
3	4.9
4	0
5	1.2
6	1.3
7	4.5
8	0
IC9801	
1	0
2	4.6
3	4.5
4	4.9
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	4.9
14	0
15	0
16	0
Q9211	
E	12.9
C	13.5
B	13.5
Q9212	
E	0
C	0
B	4.9
Q9822	
E	0
C	0
B	0.7

< SUB POWER PWB >
[P.2-59 - P.2-60]

PIN NO.	VOLTAGE(V)
IC9001	
1	375.4
3	0
4	17.1
5	0
6	0.2
7	0.5
IC9051	
1	2.3
2	0
3	15.0
Q9071	
E	0
C	0
B	0.6

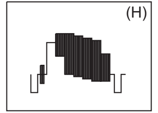
WAVEFORMS

RECEIVER PWB
(SHEET1)

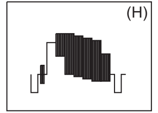
TU-3001-17


0.8 Vp-p

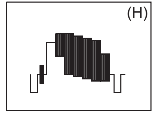
ANALOG SIGNAL PWB (1/5)
(SHEET2)

IC501-44


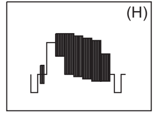
1.7 Vp-p

IC501-49


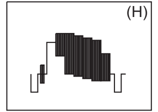
1.7 Vp-p

IC501-53


1.7 Vp-p

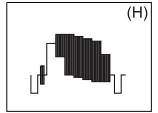
IC501-56


1.7 Vp-p

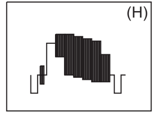
IC501-63


0.8 Vp-p

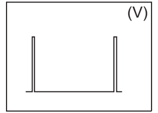
ANALOG SIGNAL PWB (2/5)
(SHEET3)

IC801-1


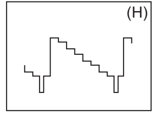
0.8 Vp-p

IC801-3


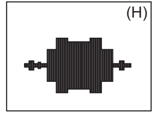
1.0 Vp-p

IC801-4


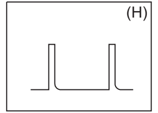
4.8 Vp-p

IC801-5


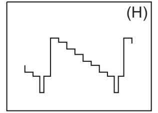
0.8 Vp-p

IC801-7


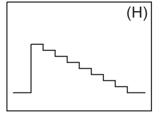
0.3 Vp-p

IC801-9


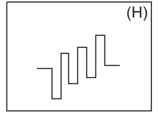
4.4 Vp-p

IC801-11


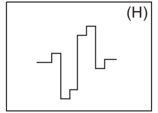
0.8 Vp-p

IC801-21


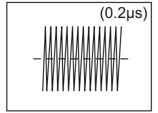
0.5 Vp-p

IC801-22


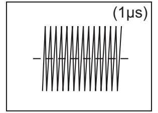
0.5 Vp-p

IC801-23


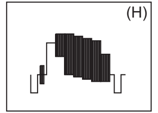
0.5 Vp-p

IC801-38


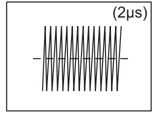
0.3 Vp-p

IC801-46


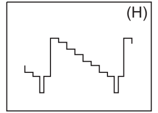
0.8 Vp-p

IC802-7


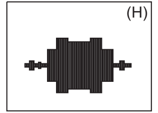
0.8 Vp-p

IC802-19


0.5 Vp-p

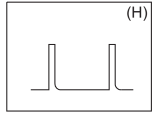
IC802-25


1.5 Vp-p

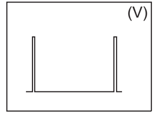
IC802-27


0.5 Vp-p

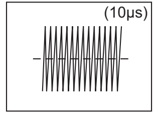
ANALOG SIGNAL
PWB (3/5) (SHEET4)

IC201-1


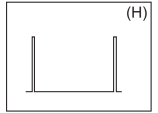
4.2 Vp-p

IC201-2


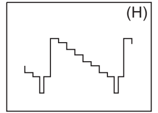
4.6 Vp-p

IC201-9


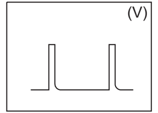
0.2 Vp-p

IC201-19


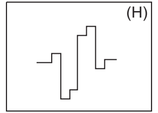
2.8 Vp-p

IC201-26


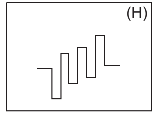
0.8 Vp-p

IC201-29


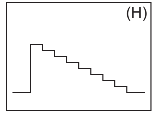
3.2 Vp-p

IC301-35


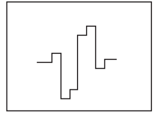
0.9 Vp-p

IC301-36


0.8 Vp-p

IC301-38


1.0 Vp-p

IC301-43

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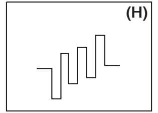
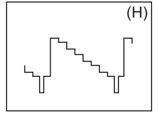


1.4 Vp-p

IC301-46


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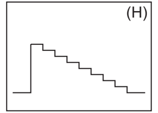
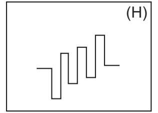
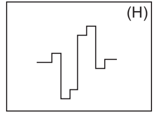
IC301-74


0.5 Vp-p

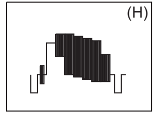
IC301-75


0.4 Vp-p

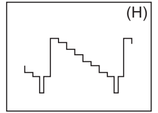
IC301-76


0.6 Vp-p

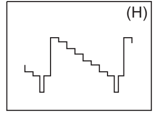
DIGITAL SIGNAL
PWB (1/11) (SHEET8)

IC1502-1


1.7 Vp-p

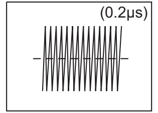
IC1502-5


1.6 Vp-p

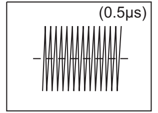
IC1502-7


1.6 Vp-p

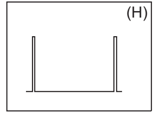
DIGITAL SIGNAL
PWB (3/11) (SHEET10)

IC1001-7


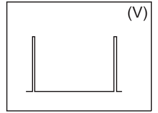
4.6 Vp-p

IC1001-58


4.8 Vp-p

IC1001-75


3.2 Vp-p

IC1001-76


3.2 Vp-p

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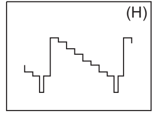
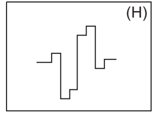
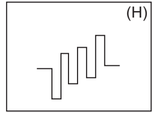


0.6 Vp-p

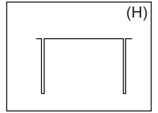
IC1001-92


0.7 Vp-p

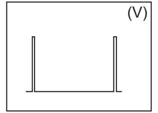
IC1001-94


0.7 Vp-p

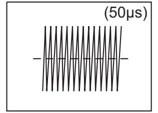
DIGITAL SIGNAL
PWB (7/11) (SHEET14)

IC6502-27


3.3 Vp-p

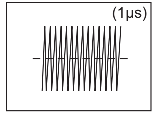
IC6502-28


3.2 Vp-p

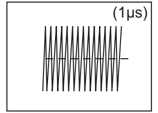
IC6502-31


4.6 Vp-p

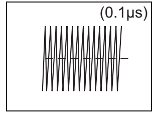
DIGITAL SIGNAL
PWB (9/11) (SHEET16)

IC7601-13


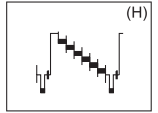
3.4 Vp-p

IC7601-15


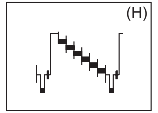
2.6 Vp-p

IC7601-17


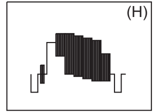
3.8 Vp-p

IC7601-97


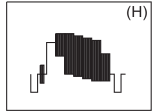
1.3 Vp-p

IC7601-100


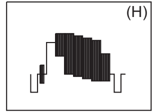
1.3 Vp-p

IC7607-2


1.5 Vp-p

IC7607-4


0.6 Vp-p

IC7608-2


1.6 Vp-p

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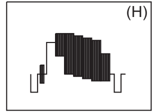
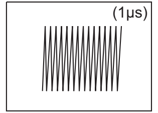
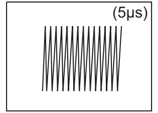


0.6 Vp-p

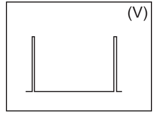
DIGITAL SIGNAL
PWB (10/11) (SHEET17)

IC7001-23


2.6 Vp-p

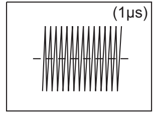
IC7001-24


3.9 Vp-p

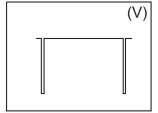
IC7001-78


3.4 Vp-p

INTERFACE PWB (1/2)
(SHEET19)

IC807-10


3.0 Vp-p

IC807-53


5.0 Vp-p

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AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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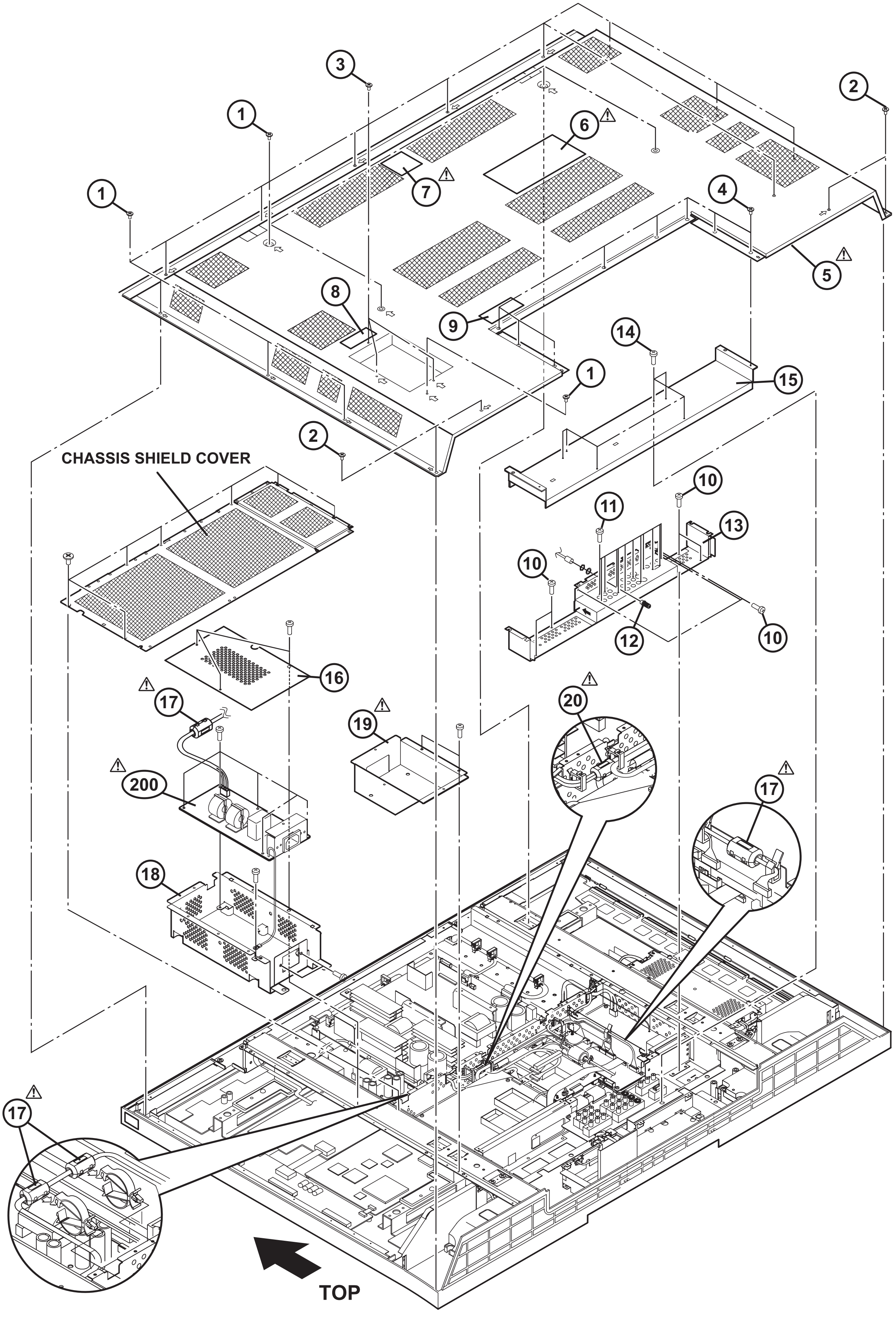
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	PD-Z42DX4	PD-Z42DX4/S
AUDIO P.W.B	LCA10420-03C (SFP-6003A)	←
INTERFACE P.W.B	LCA10424-22D (SFP-7310A)	LCA10424-23D (SFP-7311A)
FRONT CONTROL P.W.B	LCA10446-04A (SFP-8301A)	←
FRONT LED P.W.B	LCA10446-04A (SFP-8301A)	←
TEMP. SENSOR P.W.B	LCA10446-04A (SFP-8301A)	←
REGULATOR P.W.B	LCA10426-09C (SFP-9307A)	LCA10426-10C (SFP-9319A)
LINE FILTER P.W.B	LCA10427-14A (SFP-9310A)	LCA10427-15A (SFP-9311A)
SUB POWER P.W.B	LCA10422-10C (SFP-9314A)	LCA10422-11C (SFP-9315A)
ANALOG SIGNAL P.W.B	LCA10423-13C (SFP-0A303A)	←
DIGITAL SIGNAL P.W.B	LCA10428-44H (SFP-0D310A)	LCA10428-45H (SFP-0D311A)
RECIEVER P.W.B	LCA10476-03E (SFP-0F303A)	←
AV JACK P.W.B	LCA10445-04C (SFP-0J303A)	←
REMOTE CONTROL UNIT	RM-C1830-1C	←

EXPLODED VIEW PARTS LIST - 1

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC42065-001A	SCREW	(x17)	
	2	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	3	LC42067-001A	SCREW	(x3)	
	4	LC42067-001A	SCREW	(x8)	
⚠	5	LC11892-002A	BACK COVER		
⚠	6	LC21782-001A-0L	RATING LABEL		PD-Z42DX4
⚠	6	LC21782-002A-0L	RATING LABEL		PD-Z42DX4/S
⚠	7	LC41693-001A	CAUTION LABEL		
	8	LC41694-001A	INLET LABEL		
	9	LC32822-006A	TERMINAL LABEL		
	10	LC42067-001A	SCREW	(x7)	
	11	QYSDSF3008MA	TAP SCREW	M3 x 8mm(x12)	
	12	CE42112-002	ANNTENA CONNECTOR	Inc. WASHER/NUT	
	13	LC11933-005A	TERMINAL COVER		
	14	LC42067-001A	SCREW	(x6)	
	15	LC11893-001A	CENTRE COVER		
	16	LC32916-001B	LINE FILTER SHIELD		
⚠	17	QQR0491-001	FERRITE CORE	(x4)	
	18	LC21724-001B	LINE FILTER BRACKET		
⚠	19	LC21725-002B	INLET BRACKET		
⚠	20	QQR0918-001	CORE FILTER		
⚠	200	LCA10427-14A	LINE FILTER PWB		PD-Z42DX4
⚠	200	LCA10427-15A	LINE FILTER PWB		PD-Z42DX4/S

EXPLODED VIEW - 1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CHASSIS SHIELD COVER
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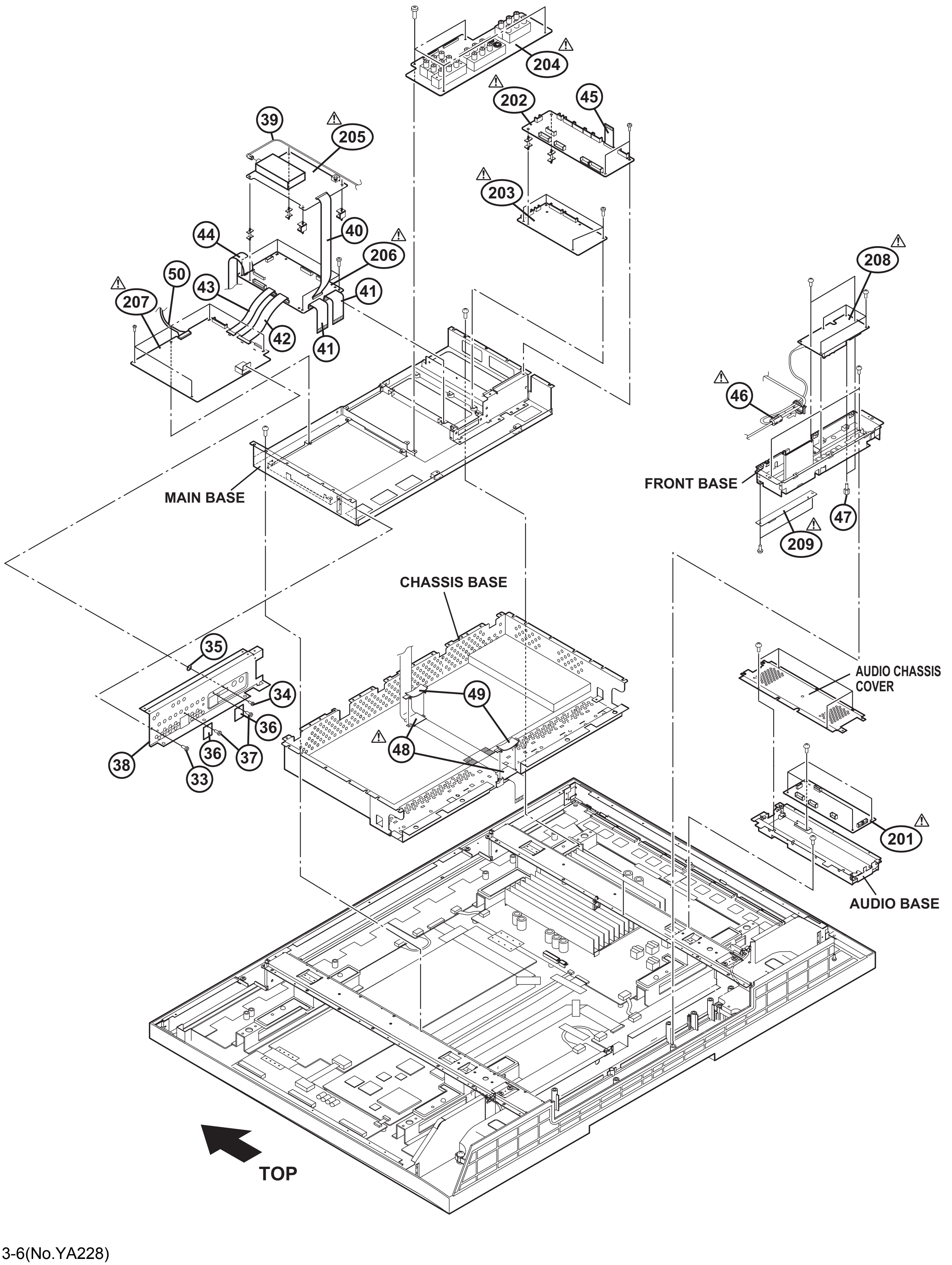
200
TOP

EXPLODED VIEW PARTS LIST - 2

⚠	Ref.No.	Part No.	Part Name	Description	Local
	33	LC42067-001A	SCREW		
	34	QYSDSP3006NA	SCREW	M3 x 6mm	
	35	LC42057-001A	RING SPACER		
	36	LC41903-001A	SERVICE COVER	(x2)	
	37	LC42067-001A	SCREW	(x2)	
	38	LC21550-003B	DIGITAL TERMINAL COVER		
	39	WJX0016-002A	E-COAXIAL ASSY		
	40	QUQ105-4004AA	FFC WIRE	40pin 4cm	
	41	QUQ105-5004AA	FFC WIRE	50pin 4cm(x2)	
	42	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	43	QUQ105-3004AA	FFC WIRE	30pin 4cm	
	44	QUQ105-5036AE	FFC WIRE	50pin 36cm	
	45	QUQ105-3022AH	FFC WIRE	30pin 22cm	
⚠	46	QQR0491-001	FRRRITE CORE		
	47	QNB0036-001	HEX SCREW	(x2)	
⚠	48	QQR1623-001	FERRITE CORE	(x2)	
	49	QZW0144-001	WIRE CLAMP	(x2)	
	50	WJW0025-001A	E-TWISTED ASSY		
⚠	201	LCA10420-03C	AUDIO PWB		
⚠	202	LCA10424-22D	INTERFACE PWB		PD-Z42DX4
⚠	202	LCA10424-23D	INTERFACE PWB		PD-Z42DX4/S
⚠	203	LCA10426-09C	REGULATOR PWB		PD-Z42DX4
⚠	203	LCA10426-10C	REGULATOR PWB		PD-Z42DX4/S
⚠	204	LCA10445-04C	AV JACK PWB		
⚠	205	LCA10476-03E	RECIEVER PWB		
⚠	206	LCA10423-13C	ANALOG SIGNAL PWB		
⚠	207	LCA10428-44H	DIGITAL SIGNAL PWB		PD-Z42DX4
⚠	207	LCA10428-45H	DIGITAL SIGNAL PWB		PD-Z42DX4/S
⚠	208	LCA10446-04A	FRONT CONTROL PWB	Inc.FRONT LED PWB/TEMP.SENSOR PWB	
⚠	209	LCA10446-04A	FRONT LED PWB	Inc.FRONT CONTROL PWB/TEMP.SENSOR PWB	

EXPLODED VIEW - 2



204
202
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208
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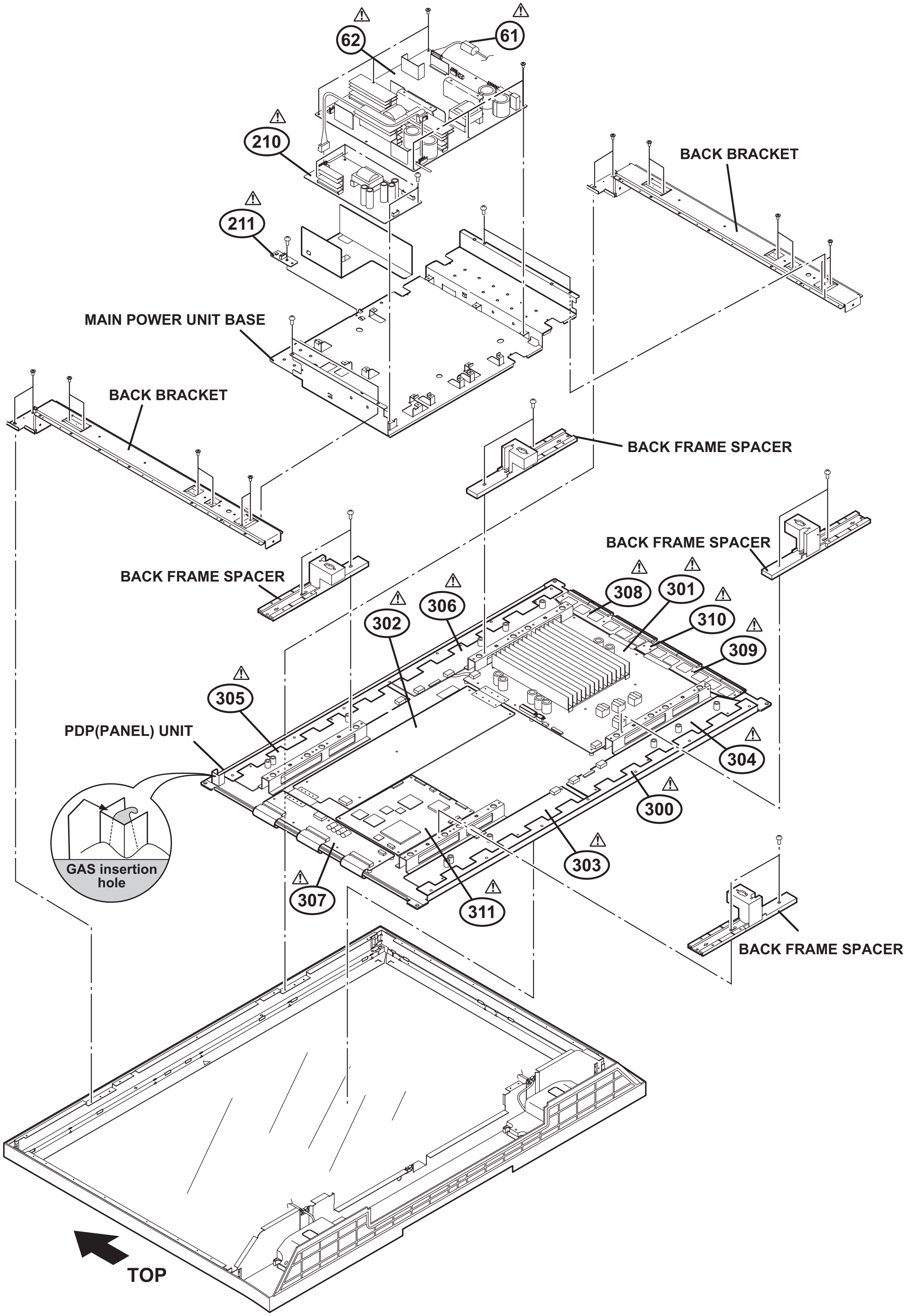
43
41
207
42
41
46
MAIN BASE
FRONT BASE
47
209
CHASSIS BASE
35
34
36
49
AUDIO CHASSIS COVER
48
38
36
37
33
201
AUDIO BASE
TOP

EXPLODED VIEW PARTS LIST - 3

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	61	QQR0491-001	FERRITE CORE		
⚠	62	QAL0635-003	MAIN POWER UNIT		
⚠	210	LCA10422-10C	SUB POWER PWB		PD-Z42DX4
⚠	210	LCA10422-11C	SUB POWER PWB		PD-Z42DX4/S
⚠	211	LCA10446-04A	TEMP.SENSOR PWB	Inc.FRONT CONTROL PWB/FRONT LED PWB	
⚠	300	QLE0037-002	PDP UNIT	Inc.No.301-311	
⚠	301	NE-9S899822	HIGH VOLTAGE PWB		
⚠	302	NE-9S899823	COMMON BRANCH PWB		
⚠	303	NE-9S899824	SIGNAL RELAY PWB(BOTTOM LEFT)		
⚠	304	NE-9S899825	SIGNAL RELAY PWB(BOTTOM RIGHT)		
⚠	305	NE-9S899826	SIGNAL RELAY PWB(UPPER LEFT)		
⚠	306	NE-9S899827	SIGNAL RELAY PWB(UPPER RIGHT)		
⚠	307	NE-9S899828	COMMON RELAY PWB		
⚠	308	NE-9S899830	SCAN RELAY PWB (UPPER)	or NE-9S899839 Please check the indication of the PWB number before replacement.	
⚠	309	NE-9S899831	SCAN RELAY PWB (BOTTOM)	or NE-9S899840 Please check the indication of the PWB number before replacement.	
⚠	310	NE-9S899829	SCAN RELAY PWB (CENTRE)		
⚠	311	NE-9S899864	DIGITAL PWB		

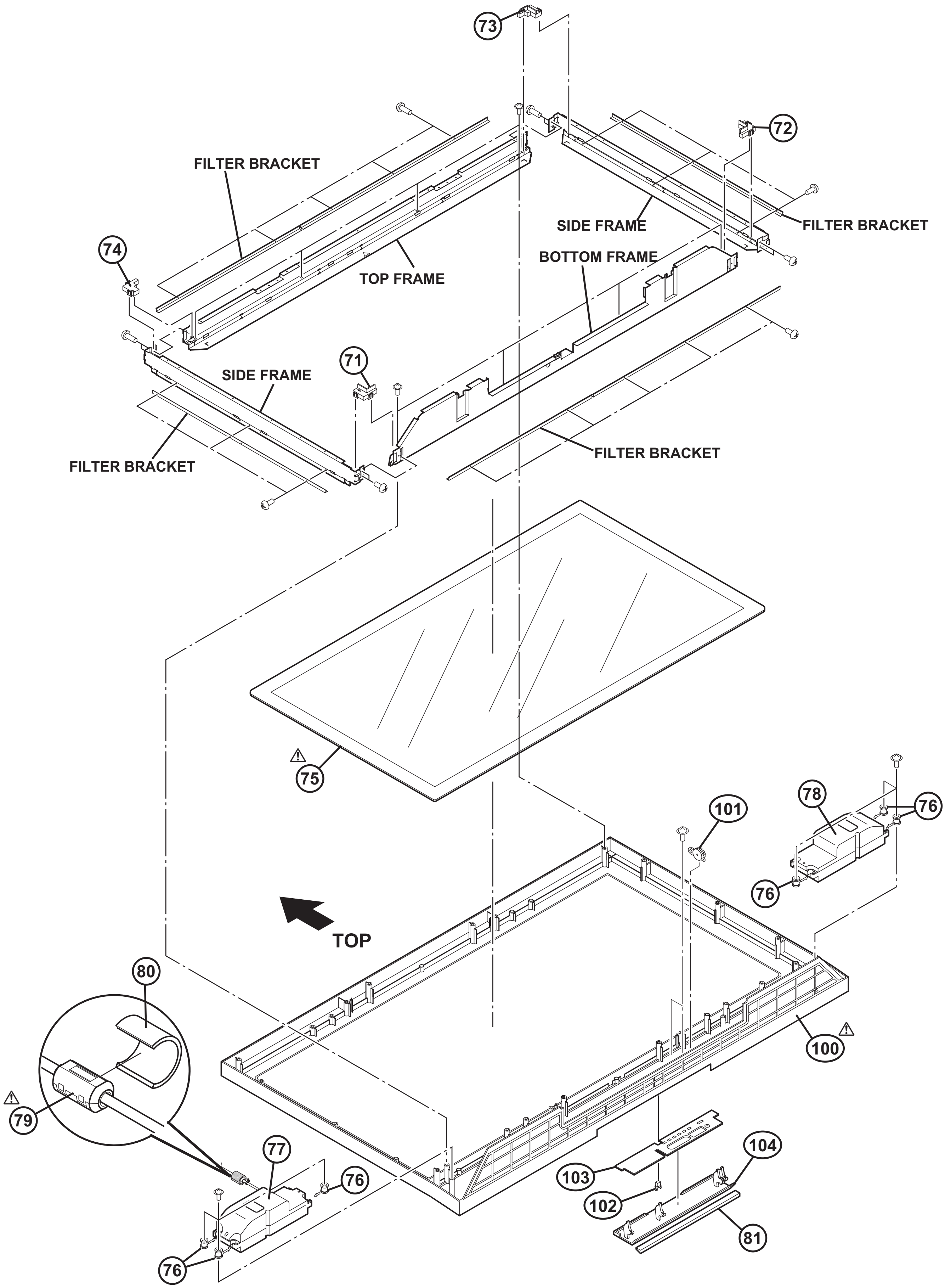
EXPLODED VIEW - 3


62
61
210
211
BACK BRACKET
MAIN POWER UNIT BASE
BACK BRACKET
BACK FRAME SPACER
BACK FRAME SPACER
BACK FRAME SPACER
308
301
310
309
306
302
305
PDP(PANEL) UNIT
304
300
303
307
311
GAS insertion hole
BACK FRAME SPACER
TOP

EXPLODED VIEW PARTS LIST - 4

⚠	Ref.No.	Part No.	Part Name	Description	Local
	71	LC32917-001A	MOUNTING SPACER		
	72	LC32917-002A	MOUNTING SPACER		
	73	LC32917-003A	MOUNTING SPACER		
	74	LC32917-004A	MOUNTING SPACER		
⚠	75	LC32961-001A	FRONT FILTER		PD-Z42DX4
⚠	75	LC33003-001A	FRONT FILTER		PD-Z42DX4/S
	76	LC40226-003A-H	SPACER	(x6)	
	77	LC41913-001A-C	SPEAKER ASSY		
	78	LC41913-002A-C	SPEAKER ASSY		
⚠	79	QQR0491-001	FERRITE CORE		
	80	LC30599-079A	STICK SHEET		
	81	LC32634-001B	REMOCON WINDOW		
⚠	100	LC11958-005B	FRONT PANEL ASSY	Inc.No.101-104	
	101	PEME0904	DAMPER UNIT	(x2)	
	102	PU60005	PUSH OPEN UNIT		
	103	LC32636-005B	CONTROL SHEET		
	104	LC21672-001A	DOOR ASSY		

EXPLODED VIEW - 4


73
72
FILTER BRACKET
SIDE FRAME
FILTER BRACKET
74
TOP FRAME
BOTTOM FRAME
71
SIDE FRAME
FILTER BRACKET
FILTER BRACKET
75
101
78
76
76
TOP
80
100
79
77
76
104
103
102
81
76

PRINTED WIRING BOARD PARTS LIST [PD-Z42DX4]

AUDIO P.W. BOARD ASS'Y (LCA10420-03C) (SFP-6003A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC6521	NJW1164M-W	IC		
IC6551	RC4558D-X	IC		
IC6552	RC4558D-X	IC		
IC6621	LM393DR-X	IC		
IC6661	TDA8925ST/N1	IC		
IC6671	BA12FP-X	IC		
Q6521	2SC3928A/QR/-X	TRANSISTOR		
Q6522	2SC3928A/QR/-X	TRANSISTOR		
Q6523	2SA1530A/QR/-X	TRANSISTOR		
Q6531	2SC3928A/QR/-X	TRANSISTOR		
Q6532	2SC3928A/QR/-X	TRANSISTOR		
Q6533	2SC3928A/QR/-X	TRANSISTOR		
Q6534	2SA1530A/QR/-X	TRANSISTOR		
Q6538	2SC3928A/QR/-X	TRANSISTOR		
Q6539	2SC3928A/QR/-X	TRANSISTOR		
Q6661	UN2112-X	DIGI TRANSISTOR		
Q6662	2SC3928A/QR/-X	TRANSISTOR		
Q6663	UN2212-X	DIGI TRANSISTOR		
Q6672	2SC3928A/QR/-X	TRANSISTOR		
Q6673	2SA1530A/QR/-X	TRANSISTOR		
D6501	MA111-X	SI DIODE		
D6502	MA111-X	SI DIODE		
D6503	MA111-X	SI DIODE		
D6504	MA111-X	SI DIODE		
D6601	MA8062/M/-X	Z DIODE		
D6663	MA8033-X	Z DIODE		
D6671	MA8200-X	Z DIODE		
D6672	MA8200-X	Z DIODE		
D6673	MA8200-X	Z DIODE		
D6674	MA8200-X	Z DIODE		
D6681	MA111-X	SI DIODE		
D6682	MA111-X	SI DIODE		
D6683	MA111-X	SI DIODE		
C6505	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6510	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6513	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6514	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6515	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C6516	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6521	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6526	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6527	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6528	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6534	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6535	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6537	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6538	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6539	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6540	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6541	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6542	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6543	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6544	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6551	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6552	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6553	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6555	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6556	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6559	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6562	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6563	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6564	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6585	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6586	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6605	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6622	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6627	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6661	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6662	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6668	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C6670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C6671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C6672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6676	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6677	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C6679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C6680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C6681	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6686	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6692	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6693	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R6515	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6516	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6518	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6519	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6552	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6555	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6557	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R6558	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6559	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6560	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6592	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6593	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6594	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6595	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6596	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6607	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6617	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	
R6625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6626	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6630	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R6633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6635	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
R6661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R6664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R6666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
R6667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R6668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
R6669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R6670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6680	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6681	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6682	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6683	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6684	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6685	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6686	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6693	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L6661	QQL28AK-560	COIL	56uH K	
L6662	QQL28AK-560	COIL	56uH K	
K6601	QQR0621-002Z	FERRITE BEADS		
K6602	QQR0621-002Z	FERRITE BEADS		

INTERFACE P.W. BOARD ASS'Y (LCA10424-22D) (SFP-7310A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC801	BA33BC0FP-X	IC		
IC802	BA33BC0FP-X	IC		
IC805	ATE16-Z42DX4	IC	(SERVICE)	
IC807	HD6433685A80H	IC(MCU)		
IC809	S-80840CLNB-W	IC		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q811	2SK2090-X	MOS FET		
Q813	2SK2090-X	MOS FET		
Q814	2SK2090-X	MOS FET		
Q815	2SC3928A/QR/-X	TRANSISTOR		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D903	MA111-X	SI DIODE		
C114	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C117	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R892	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R903	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R913	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R926	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R930	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R939	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R962	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R963	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R968	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R971	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R974	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R975	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R976	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R978	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R979	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R980	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R981	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R985	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R986	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
CN0FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
X802	NAX0613-001X	C RESONATOR		

FRONT CONTROL P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1001	NJM2777M-X	IC		
D1001	MA8039/H/-X	Z DIODE		
D1104	MA8100/M/-X	Z DIODE		
D1105	MA8100/M/-X	Z DIODE		
C1002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1004	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1005	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1006	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C1007	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1008	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1009	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1010	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C1011	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C1012	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1104	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C1105	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C1106	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1108	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
R1001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1009	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1012	QRL036J-330	OMF RESISTOR	33Ω 3W J	
R1101	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1104	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1404	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1405	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1601	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1602	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1603	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1604	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
CN800F	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
J1001	QNS0051-001	3.5 JACK	HEADPHONE	
J1101	QNZ0438-001	AV JACK	VIDEO4 IN	
J1401	QNZ0061-001	D CONNECTOR	PC IN(D-SUB)	
LC1401	QQR1199-001	EMI FILTER		
LC1402	QQR1199-001	EMI FILTER		
LC1403	QQR1199-001	EMI FILTER		
S1201	QSW0619-003Z	TACT SWITCH	POWER	
S1601	QSW0619-003Z	TACT SWITCH	CH-	
S1602	QSW0619-003Z	TACT SWITCH	TV/VIDEO	
S1603	QSW0619-003Z	TACT SWITCH	CH+	
S1604	QSW0619-003Z	TACT SWITCH	VOL+	
S1605	QSW0619-003Z	TACT SWITCH	MENU/OK	
S1606	QSW0619-003Z	TACT SWITCH	VOL-	

FRONT LED P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1742	GP1UA261XK	IR DETECT UNIT	38kHz	
Q1741	UN2212-X	DIGI TRANSISTOR		
Q1745	UN2110-X	DIGI TRANSISTOR		
D1744	HLMP-NS30-J0000	LED	POWER	
C1742	NEH71CM-476X	E CAPACITOR	47uF 16V M	
R1741	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1744	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1748	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

TEMP. SENSOR P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8101	TCN75-5.0MOA-X	IC		
C8101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R8101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R8103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

REGULATOR P.W. BOARD ASS'Y (LCA10426-09C) (SFP-9307A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1410ES-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-270X	COIL	27uH M	
L9621	NQL71EM-150X	COIL	15uH M	

LINE FILTER P.W. BOARD ASS'Y (LCA10427-14A) (SFP-9310A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9081-225	MPP CAPACITOR	2.2uF 275V M	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9913	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9915	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
CN90E1	QUB03K-08FPHM	SIN TWIST WIRE		
CN90PW	WJK0050-003A	E-SI C WIRE C-B		
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QNC0103-001	AC INLET(NOISE)		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		

SUB POWER P.W. BOARD ASS'Y (LCA10422-10C) (SFP-9314A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
Q9071	KTC3199/YG/-T	TRANSISTOR		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-5025-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-5025-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	RU4YX-F1	SI DIODE		
D9052	RU4YX-F1	SI DIODE		
D9053	FMX-G12S	SI DIODE		
D9054	RGP10J-5025-T3	SI DIODE		
D9055	RD33E/B1/-T2	Z DIODE		
D9071	RU4YX-F1	SI DIODE		
D9072	1SS133-T2	SI DIODE		
D9073	MTZJ5.1A-T2	Z DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-335Z	E CAPACITOR	3.3uF 50V M	
C9011	QEHR1HM-336Z	E CAPACITOR	33uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9054	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9055	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9060	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9072	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9073	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9074	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRT01EJ-R39X	MF RESISTOR	0.39Ω 1W J	
R9004	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J	
⚠R9005	QRL039J-563	OMF RESISTOR	56kΩ 3W J	
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-1802Y	CMF RESISTOR	18kΩ 1/4W F	
R9057	QRA14CF-3301Y	CMF RESISTOR	3.3kΩ 1/4W F	
R9058	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9060	QRL02EJ-152X	OMF RESISTOR	1.5kΩ 2W J	
R9071	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J	
R9072	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R9073	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9074	QRE141J-822Y	C RESISTOR	8.2kΩ 1/4W J	
R9075	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
L9051	QQL26AK-220Z	COIL	22uH K	
⚠T9001	QQS0279-001	SW TRANSF		

⚠Ref No.	Part No.	Part Name	Description	Local
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9071	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9072	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9073	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		

ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10423-13C) (SFP-0A303A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC503	MM1510XN-X	IC		
IC604	RC4558D-X	IC		
IC711	CXA1875AM-X	IC		
IC801	TB1274AF	IC		
IC802	TC90A69AF-X	IC		
IC902	TA48M033F-X	IC		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK1374-X	MOS FET		
Q403	2SK1374-X	MOS FET		
Q404	2SK1374-X	MOS FET		
Q405	2SK1374-X	MOS FET		
Q508	2SA1530A/QR/-X	TRANSISTOR		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
Q902	2SC3074/OY/-X	TRANSISTOR		
QB611	2SC3928A/QR/-X	TRANSISTOR		
QB612	2SC3928A/QR/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
QB614	2SA1530A/QR/-X	TRANSISTOR		
D501	MA8100/M/-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	MA8033-X	Z DIODE		
DB601	MA111-X	SI DIODE		
DB602	MA111-X	SI DIODE		
DB603	MA111-X	SI DIODE		
DB604	MA111-X	SI DIODE		
DB605	MA111-X	SI DIODE		
DB606	MA111-X	SI DIODE		
DB607	MA111-X	SI DIODE		
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C303	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C304	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C305	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C319	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C343	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C349	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C355	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C356	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C357	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C501	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C502	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C503	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C520	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C523	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C601	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	
C602	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	
C661	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C663	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C664	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C666	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C711	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C804	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C886	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C889	NEHL1HM-106X	E CAPACITOR	10uF 50V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C890	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C891	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
C915	NEHL1CM-107X	E CAPACITOR	100uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB611	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
CB612	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
CB613	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
CB614	NEH71CM-476X	E CAPACITOR	47uF 16V M	
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R213	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R220	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R322	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R332	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R373	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R375	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R383	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R385	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R393	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R395	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R538	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R632	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R633	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R635	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R636	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R637	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R661	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R662	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R665	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R667	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R714	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R719	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R720	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R908	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB303	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB304	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB305	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB602	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB611	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
RB612	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
RB613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB614	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
RB615	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
RB616	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL914K-101X	COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	P COIL	6.8uH K	
L852	NQL092K-6R8X	P COIL	6.8uH K	
L853	NQL092K-6R8X	P COIL	6.8uH K	
L854	NQL092M-270X	P COIL	27uH M	
L855	NQL904J-560X	COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L903	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	CSB503F30	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10428-44H) (SFP-0D310A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	K4D263238F-UC50	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-Z42DX4	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATE256-Z42DX4-1	IC	(SERVICE)	
IC6501	DS90C387VJD	IC		
IC6504	DS90LV018ATM-X	IC		
IC7001	MN102H60KKJ	IC(MCU)		
IC7002	ATE256-Z42DX4-2	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160T90PT	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATE32-Z42DX4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	MA111-X	SI DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0218	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0318	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7522	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7553	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0212	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0312	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1011	NQL093K-R10X	P COIL	0.1uH K	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6506	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6525	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6526	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9109	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6511	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6512	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L0101	NQL092K-2R2X	P COIL	2.2uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-2R2X	P COIL	2.2uH K	
L0202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-2R2X	P COIL	2.2uH K	
L0302	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	P COIL	1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-6R8X	P COIL	6.8uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1401	NQL092K-6R8X	P COIL	6.8uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1501	NQL092K-4R7X	P COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6501	NQR0351-001X	FERRITE BEADS		
L6503	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6504	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6505	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6506	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
L6507	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7501	NQL092K-4R7X	P COIL	4.7uH K	
L7502	NQL092K-4R7X	P COIL	4.7uH K	
L7503	NQL092K-4R7X	P COIL	4.7uH K	
L7504	NQL092K-4R7X	P COIL	4.7uH K	
L7505	NQL092K-4R7X	P COIL	4.7uH K	
L7506	NQL914M-4R7X	COIL	4.7uH M	
L7507	NQL092K-4R7X	P COIL	4.7uH K	
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7509	NQL092K-4R7X	P COIL	4.7uH K	
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7511	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQL914M-4R7X	COIL	4.7uH M	
L7513	NQL914M-4R7X	COIL	4.7uH M	
L7514	NQL092K-4R7X	P COIL	4.7uH K	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

RECEIVER P.W. BOARD ASS'Y (LCA10476-03E) (SFP-0F303A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3101	M62320FP-X	IC		
IC3501	MSP3415GQGB8V3M	IC		
IC3502	HA17558AF-X	IC		
IC3504	BA80BC0FP-X	IC		
IC3601	AN5285K	IC		
IC3651	HA17558AF-X	IC		
IC3701	TPS852-W	PHOTO CONDUCTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3502	2SC3928A/QR/-X	TRANSISTOR		
Q3503	UN2213-X	DIGI TRANSISTOR		
D3501	MA8100/M/-X	Z DIODE		
C3003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3007	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3009	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3011	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3101	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3501	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3504	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3513	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3514	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3518	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3519	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3520	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3521	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3522	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3523	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3524	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3525	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3526	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3527	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3528	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3529	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3530	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3533	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3534	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3535	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3536	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3537	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3540	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C3541	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C3542	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3543	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3544	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3546	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3547	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3548	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3601	NEH71EM-475X	E CAPACITOR	4.7uF 25V M	
C3602	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3603	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3604	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3605	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3607	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3608	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3609	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3610	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3651	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3652	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3653	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3654	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3701	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3702	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3703	NCB11AK-106X	C CAPACITOR	10uF 10V K	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3103	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3518	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3519	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3520	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3521	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3540	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3541	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3543	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3544	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3545	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3546	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3547	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3601	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R3602	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3605	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3606	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3607	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R3608	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3611	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3651	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3652	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3653	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3655	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3656	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3657	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3658	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3701	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
L3001	NQL79GM-220X	COIL	22uH M	
L3002	NQL79GM-100X	COIL	10uH M	
L3503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3504	NQL79GM-4R7X	COIL	4.7uH M	
L3505	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3506	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3507	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3501	NQR0389-003X	FERRITE BEADS		
K3502	NQR0389-003X	FERRITE BEADS		
LC3501	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
⚠TU3001	QAU0366-001	TUNER		
X3501	QAX0773-001Z	CRYSTAL	18.432000MHz	

AV JACK P.W. BOARD ASS'Y (LCA10445-04C) (SFP-0J303A)

⚠Ref No.	Part No.	Part Name	Description	Local
Q2051	UN2226-X	DIGI TRANSISTOR		
Q2052	UN2226-X	DIGI TRANSISTOR		
Q2055	UN2110-X	DIGI TRANSISTOR		
Q2201	DTC323TK-X	DIGI TRANSISTOR		
Q2203	DTC323TK-X	DIGI TRANSISTOR		
Q2204	DTC323TK-X	DIGI TRANSISTOR		
Q2205	2SA1037AK/QR/-X	TRANSISTOR		
D2053	MA8100-X	Z DIODE		
D2054	MA8100-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2202	MA8100/M/-X	Z DIODE		
D2203	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
D2208	MA8100/M/-X	Z DIODE		
D2209	MA8100/M/-X	Z DIODE		
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2003	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2009	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2017	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2018	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2019	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2020	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2055	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2201	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2202	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2203	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2204	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2205	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2207	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2209	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2210	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2215	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2055	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2056	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2057	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2060	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2061	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2062	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2066	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2069	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2205	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2215	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2216	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2217	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2218	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2219	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2221	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2222	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
J2001	QNZ0700-001	AV JACK	VIDEO1/2 IN	
J2003	QNN0646-001	PIN JACK	VIDEO3 COMP IN	
J2004	QNN0642-001	PIN JACK	VIDEO3/CENTER CH IN	
J2005	QNN0646-001	PIN JACK	VIDEO1 COMP IN	
J2006	QNN0644-001	PIN JACK	VIDEO OUT	
J2007	QNN0645-001	PIN JACK	SUB WOOFER/AUDIO OUT	

PRINTED WIRING BOARD PARTS LIST [PD-Z42DX4/S]

AUDIO P.W. BOARD ASS'Y (LCA10420-03C) (SFP-6003A)

REFER TO PARTS LIST IN PAGE PAGE 3-11 FOR THIS P.W. BOARD.

INTERFACE P.W. BOARD ASS'Y (LCA10424-23D) (SFP-7311A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC801	BA33BC0FP-X	IC		
IC802	BA33BC0FP-X	IC		
IC805	ATE16-Z42DX4	IC	(SERVICE)	
IC807	HD6433685A80H	IC(MCU)		
IC809	S-80840CLNB-W	IC		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q811	2SK2090-X	MOS FET		
Q813	2SK2090-X	MOS FET		
Q814	2SK2090-X	MOS FET		
Q815	2SC3928A/QR/-X	TRANSISTOR		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D903	MA111-X	SI DIODE		
C114	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C117	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R892	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R903	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R913	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R926	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R930	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R939	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R962	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R963	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R968	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R971	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R974	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R975	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R976	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R978	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R979	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R980	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R981	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R985	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R986	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
CN0FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

⚠Ref No.	Part No.	Part Name	Description	Local
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
X802	NAX0613-001X	C RESONATOR		

FRONT CONTROL P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

REFER TO PARTS LIST IN PAGE PAGE 3-13 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

REFER TO PARTS LIST IN PAGE PAGE 3-13 FOR THIS P.W. BOARD.

TEMP. SENSOR P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

REFER TO PARTS LIST IN PAGE PAGE 3-13 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (LCA10426-10C) (SFP-9319A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1410ES-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-270X	COIL	27uH M	
L9621	NQL71EM-150X	COIL	15uH M	

LINE FILTER P.W. BOARD ASS'Y (LCA10427-15A) (SFP-9311A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9081-225	MPP CAPACITOR	2.2uF 275V M	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9913	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9915	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
CN90E1	QUB03K-08FPHM	SIN TWIST WIRE		
CN90PW	WJK0050-003A	E-SI C WIRE C-B		
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QNC0099-001	AC INLET(NOISE)		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		

SUB POWER P.W. BOARD ASS'Y (LCA10422-11C) (SFP-9315A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
Q9071	KTC3199/YG/-T	TRANSISTOR		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-5025-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-5025-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	RU4YX-F1	SI DIODE		
D9052	RU4YX-F1	SI DIODE		
D9053	FMX-G12S	SI DIODE		
D9054	RGP10J-5025-T3	SI DIODE		
D9055	RD33E/B1/-T2	Z DIODE		
D9071	RU4YX-F1	SI DIODE		
D9072	1SS133-T2	SI DIODE		
D9073	MTZJ5.1A-T2	Z DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-335Z	E CAPACITOR	3.3uF 50V M	
C9011	QEHR1HM-336Z	E CAPACITOR	33uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9054	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9055	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9060	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9072	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9073	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9074	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRT01EJ-R39X	MF RESISTOR	0.39Ω 1W J	
R9004	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J	
⚠R9005	QRL039J-563	OMF RESISTOR	56kΩ 3W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-1802Y	CMF RESISTOR	18kΩ 1/4W F	
R9057	QRA14CF-3301Y	CMF RESISTOR	3.3kΩ 1/4W F	
R9058	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9060	QRL02EJ-152X	OMF RESISTOR	1.5kΩ 2W J	
R9071	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J	
R9072	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R9073	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9074	QRE141J-822Y	C RESISTOR	8.2kΩ 1/4W J	
R9075	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
L9051	QQL26AK-220Z	COIL	22uH K	
⚠T9001	QQS0279-001	SW TRANSF		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9071	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9072	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9073	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		

ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10423-13C) (SFP-0A303A)

REFER TO PARTS LIST IN PAGE PAGE 3-15 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10428-45H) (SFP-0D311A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	HY5DU283222AQ-5	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-Z42DX4	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATE256-Z42DX4-1	IC	(SERVICE)	
IC6501	DS90C387VJD	IC		
IC6504	DS90LV018ATM-X	IC		
IC7001	MN102H60KKJ	IC(MCU)		
IC7002	ATE256-Z42DX4-2	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160T90PT	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATE32-Z42DX4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	MA111-X	SI DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0218	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0318	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7522	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7553	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0212	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0312	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1011	NQL093K-R10X	P COIL	0.1uH K	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6506	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6525	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6526	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9109	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6511	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6512	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L0101	NQL092K-2R2X	P COIL	2.2uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-2R2X	P COIL	2.2uH K	
L0202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-2R2X	P COIL	2.2uH K	
L0302	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	P COIL	1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-6R8X	P COIL	6.8uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1401	NQL092K-6R8X	P COIL	6.8uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1501	NQL092K-4R7X	P COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6501	NQR0351-001X	FERRITE BEADS		
L6503	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6504	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6505	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6506	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6507	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7501	NQL092K-4R7X	P COIL	4.7uH K	
L7502	NQL092K-4R7X	P COIL	4.7uH K	
L7503	NQL092K-4R7X	P COIL	4.7uH K	
L7504	NQL092K-4R7X	P COIL	4.7uH K	
L7505	NQL092K-4R7X	P COIL	4.7uH K	
L7506	NQL914M-4R7X	COIL	4.7uH M	
L7507	NQL092K-4R7X	P COIL	4.7uH K	
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7509	NQL092K-4R7X	P COIL	4.7uH K	

⚠Ref No.	Part No.	Part Name	Description	Local
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7511	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQL914M-4R7X	COIL	4.7uH M	
L7513	NQL914M-4R7X	COIL	4.7uH M	
L7514	NQL092K-4R7X	P COIL	4.7uH K	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

RECEIVER P.W. BOARD ASS'Y (LCA10476-03E) (SFP-0F303A)

REFER TO PARTS LIST IN PAGE PAGE 3-23 FOR THIS P.W. BOARD.

AV JACK P.W. BOARD ASS'Y (LCA10445-04C) (SFP-0J303A)

REFER TO PARTS LIST IN PAGE PAGE 3-24 FOR THIS P.W. BOARD.

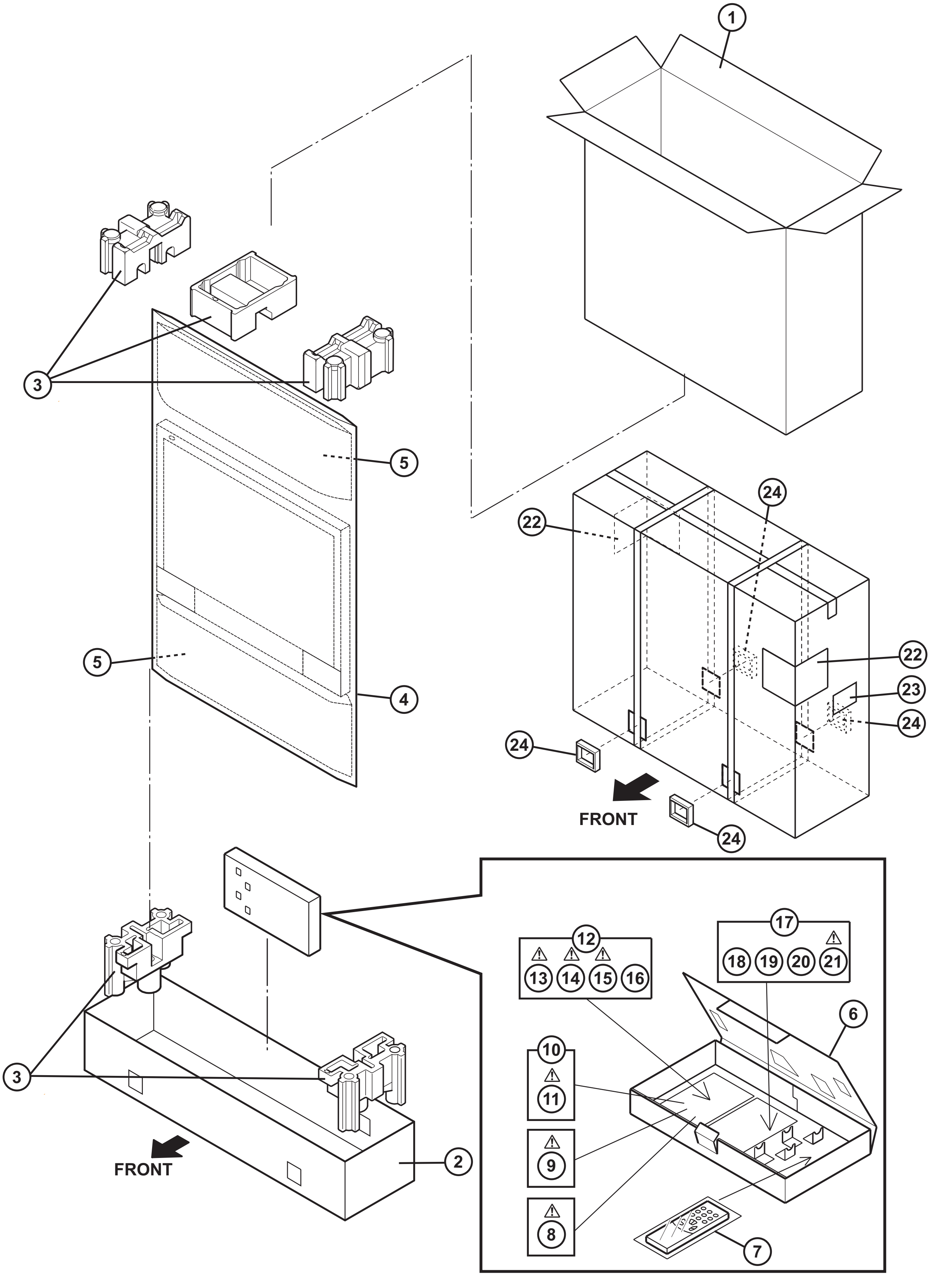
REMOTE CONTROL UNIT PARTS LIST (RM-C1830-1C)

⚠	Ref No.	Part No.	Part Name	Description	Local
		2AA070311	BATTERY COVER		

PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC21557-010A	PACKING CASE(TOP)		
	2	LC21556-001B	PACKING CASE(BOTTOM)		
	3	LC11909-001C	CUSHION ASSY	5pcs in 1set	
	4	LC30236-007A	POLY BAG		
	5	LC41035-001A	POLY BAG	(x2)	
	6	LC21264-001A	ACCESSORY BOX		
	7	RM-C1830-1C	REMOCON UNIT	Inc.POLY BAG	
⚠	8	QMPB560-180-JC	POWER CORD(JP)	1.8m BLACK	PD-Z42DX4
⚠	8	QMPB320-180-R	POWER CORD(JP)	1.8m BLACK	PD-Z42DX4/S
⚠	9	QMPP170-200-JC	POWER CORD(EK)	2m BLACK	
	10	QPA01203005	POLY BAG	12cm x 30cm	PD-Z42DX4
⚠	11	QMPL050-250-K	POWER CORD(EU)	2.5m BLACK	PD-Z42DX4
	12	QPA02503505P	POLY BAG	25cm x 35cm	
⚠	13	LCT1667-001A	CAUTION BOOK	English/French/Russian/Arabic/Chinese/Persian	
⚠	14	LCT1774-001A	INST BOOK	English	
⚠	15	LCT1775-001A	INST BOOK	French/Russian/Arabic/Chinese/Persian	
	16	LCT1716-001A	INST SHEET	English/French/Russian/Arabic/Chinese/Persian	PD-Z42DX4
	16	LCT1715-001A	INST SHEET	English/French/Russian/Arabic/Chinese/Persian	PD-Z42DX4/S
	17	QPA01203005	POLY BAG	12cm x 30cm	
	18	------------	BATTERY	R6P/AA(x2)	
	19	QYSPSPD5016MA	SCREW	M5 x 16mm(x2)	
	20	LC41320-001A	NYRON CLAMP	(x2) HOOK	
⚠	21	QQR1454-001	CORE FILTER	(x2)	PD-Z42DX4
⚠	21	QQR0491-001	CORE FILTER		PD-Z42DX4/S
	22	LC20989-001A-H	CORNER LABEL	(x3)	
	23	LC42125-001A	SASO LABEL		PD-Z42DX4/S
	24	CP30903-001	JOINT	(x4)	

PACKING


FRONT
FRONT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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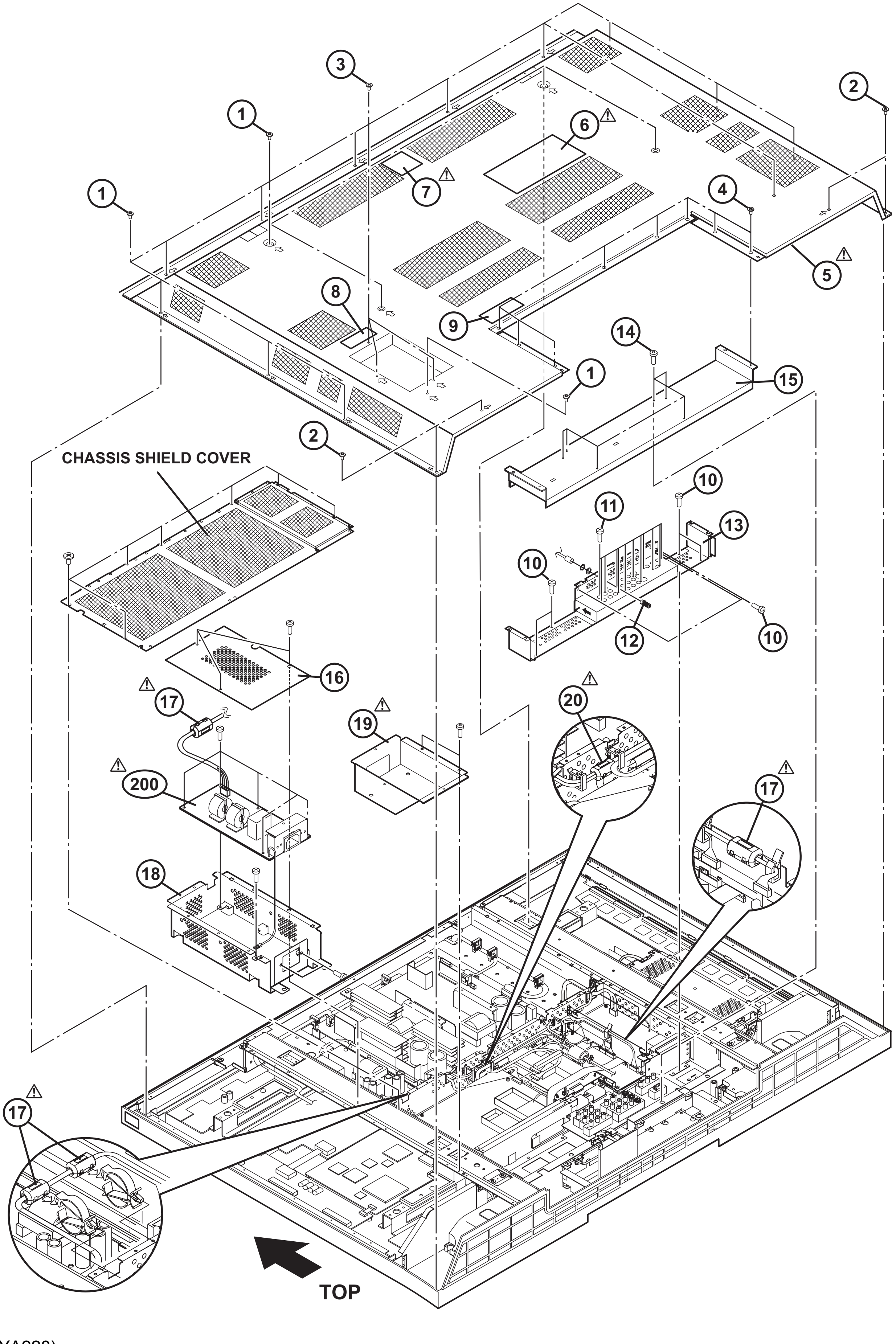
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	PD-Z42DX4	PD-Z42DX4/S
AUDIO P.W.B	LCA10420-03C (SFP-6003A)	←
INTERFACE P.W.B	LCA10424-22D (SFP-7310A)	LCA10424-23D (SFP-7311A)
FRONT CONTROL P.W.B	LCA10446-04A (SFP-8301A)	←
FRONT LED P.W.B	LCA10446-04A (SFP-8301A)	←
TEMP. SENSOR P.W.B	LCA10446-04A (SFP-8301A)	←
REGULATOR P.W.B	LCA10426-09C (SFP-9307A)	LCA10426-10C (SFP-9319A)
LINE FILTER P.W.B	LCA10427-14A (SFP-9310A)	LCA10427-15A (SFP-9311A)
SUB POWER P.W.B	LCA10422-10C (SFP-9314A)	LCA10422-11C (SFP-9315A)
ANALOG SIGNAL P.W.B	LCA10423-13C (SFP-0A303A)	←
DIGITAL SIGNAL P.W.B	LCA10428-44H (SFP-0D310A)	LCA10428-45H (SFP-0D311A)
RECIEVER P.W.B	LCA10476-03E (SFP-0F303A)	←
AV JACK P.W.B	LCA10445-04C (SFP-0J303A)	←
REMOTE CONTROL UNIT	RM-C1830-1C	←

EXPLODED VIEW PARTS LIST - 1

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC42065-001A	SCREW	(x17)	
	2	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	3	LC42067-001A	SCREW	(x3)	
	4	LC42067-001A	SCREW	(x8)	
⚠	5	LC11892-002A	BACK COVER		
⚠	6	LC21782-001A-0L	RATING LABEL		PD-Z42DX4
⚠	6	LC21782-002A-0L	RATING LABEL		PD-Z42DX4/S
⚠	7	LC41693-001A	CAUTION LABEL		
	8	LC41694-001A	INLET LABEL		
	9	LC32822-006A	TERMINAL LABEL		
	10	LC42067-001A	SCREW	(x7)	
	11	QYSDSF3008MA	TAP SCREW	M3 x 8mm(x12)	
	12	CE42112-002	ANNTENA CONNECTOR	Inc. WASHER/NUT	
	13	LC11933-005A	TERMINAL COVER		
	14	LC42067-001A	SCREW	(x6)	
	15	LC11893-001A	CENTRE COVER		
	16	LC32916-001B	LINE FILTER SHIELD		
⚠	17	QQR0491-001	FERRITE CORE	(x4)	
	18	LC21724-001B	LINE FILTER BRACKET		
⚠	19	LC21725-002B	INLET BRACKET		
⚠	20	QQR0918-001	CORE FILTER		
⚠	200	LCA10427-14A	LINE FILTER PWB		PD-Z42DX4
⚠	200	LCA10427-15A	LINE FILTER PWB		PD-Z42DX4/S

EXPLODED VIEW - 1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14
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15
2
CHASSIS SHIELD COVER
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11
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200
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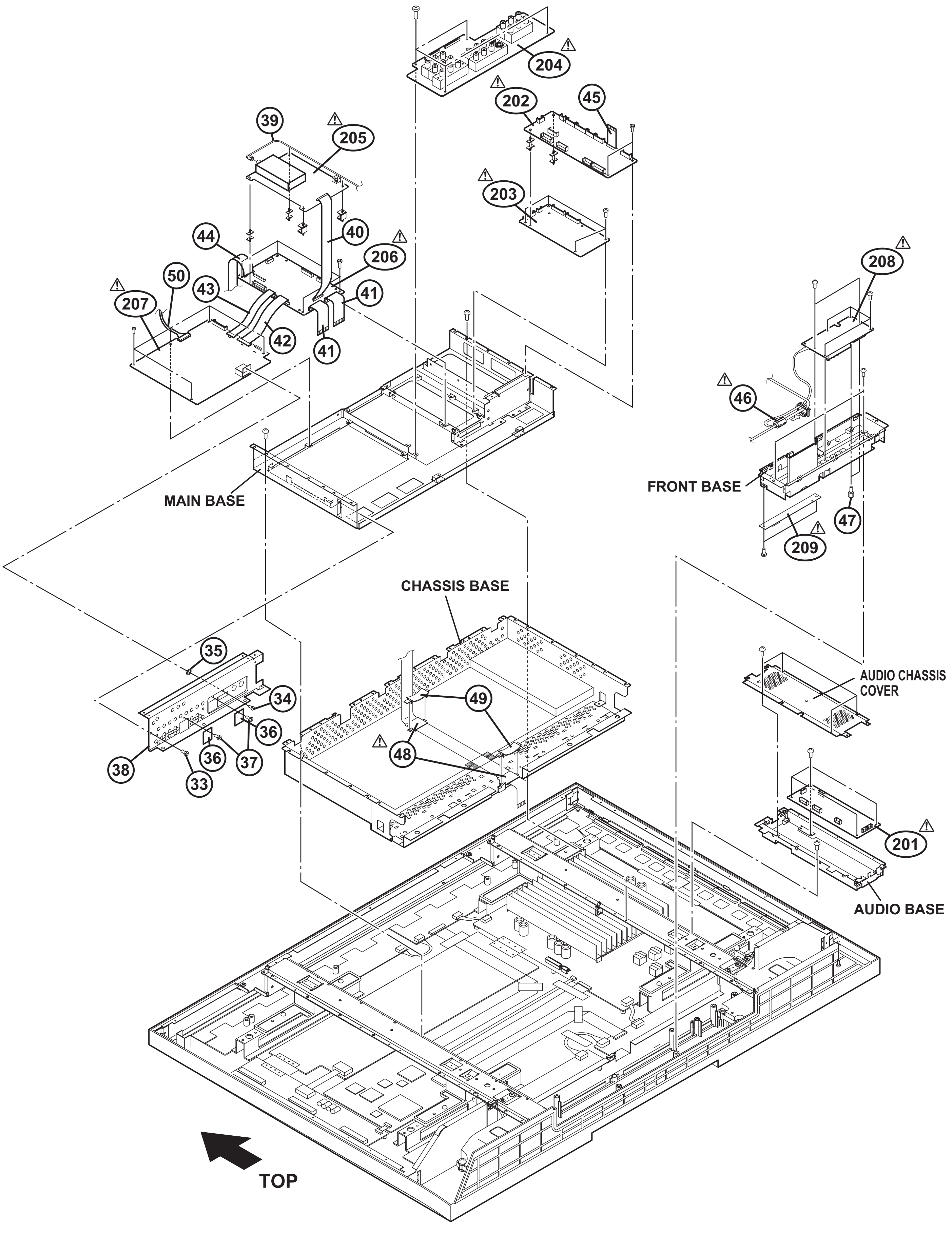
18
17
TOP

EXPLODED VIEW PARTS LIST - 2

⚠	Ref.No.	Part No.	Part Name	Description	Local
	33	LC42067-001A	SCREW		
	34	QYSDSP3006NA	SCREW	M3 x 6mm	
	35	LC42057-001A	RING SPACER		
	36	LC41903-001A	SERVICE COVER	(x2)	
	37	LC42067-001A	SCREW	(x2)	
	38	LC21550-003B	DIGITAL TERMINAL COVER		
	39	WJX0016-002A	E-COAXIAL ASSY		
	40	QUQ105-4004AA	FFC WIRE	40pin 4cm	
	41	QUQ105-5004AA	FFC WIRE	50pin 4cm(x2)	
	42	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	43	QUQ105-3004AA	FFC WIRE	30pin 4cm	
	44	QUQ105-5036AE	FFC WIRE	50pin 36cm	
	45	QUQ105-3022AH	FFC WIRE	30pin 22cm	
⚠	46	QQR0491-001	FRRRITE CORE		
	47	QNB0036-001	HEX SCREW	(x2)	
⚠	48	QQR1623-001	FERRITE CORE	(x2)	
	49	QZW0144-001	WIRE CLAMP	(x2)	
	50	WJW0025-001A	E-TWISTED ASSY		
⚠	201	LCA10420-03C	AUDIO PWB		
⚠	202	LCA10424-22D	INTERFACE PWB		PD-Z42DX4
⚠	202	LCA10424-23D	INTERFACE PWB		PD-Z42DX4/S
⚠	203	LCA10426-09C	REGULATOR PWB		PD-Z42DX4
⚠	203	LCA10426-10C	REGULATOR PWB		PD-Z42DX4/S
⚠	204	LCA10445-04C	AV JACK PWB		
⚠	205	LCA10476-03E	RECIEVER PWB		
⚠	206	LCA10423-13C	ANALOG SIGNAL PWB		
⚠	207	LCA10428-44H	DIGITAL SIGNAL PWB		PD-Z42DX4
⚠	207	LCA10428-45H	DIGITAL SIGNAL PWB		PD-Z42DX4/S
⚠	208	LCA10446-04A	FRONT CONTROL PWB	Inc.FRONT LED PWB/TEMP.SENSOR PWB	
⚠	209	LCA10446-04A	FRONT LED PWB	Inc.FRONT CONTROL PWB/TEMP.SENSOR PWB	

EXPLODED VIEW - 2



204
202
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206
208
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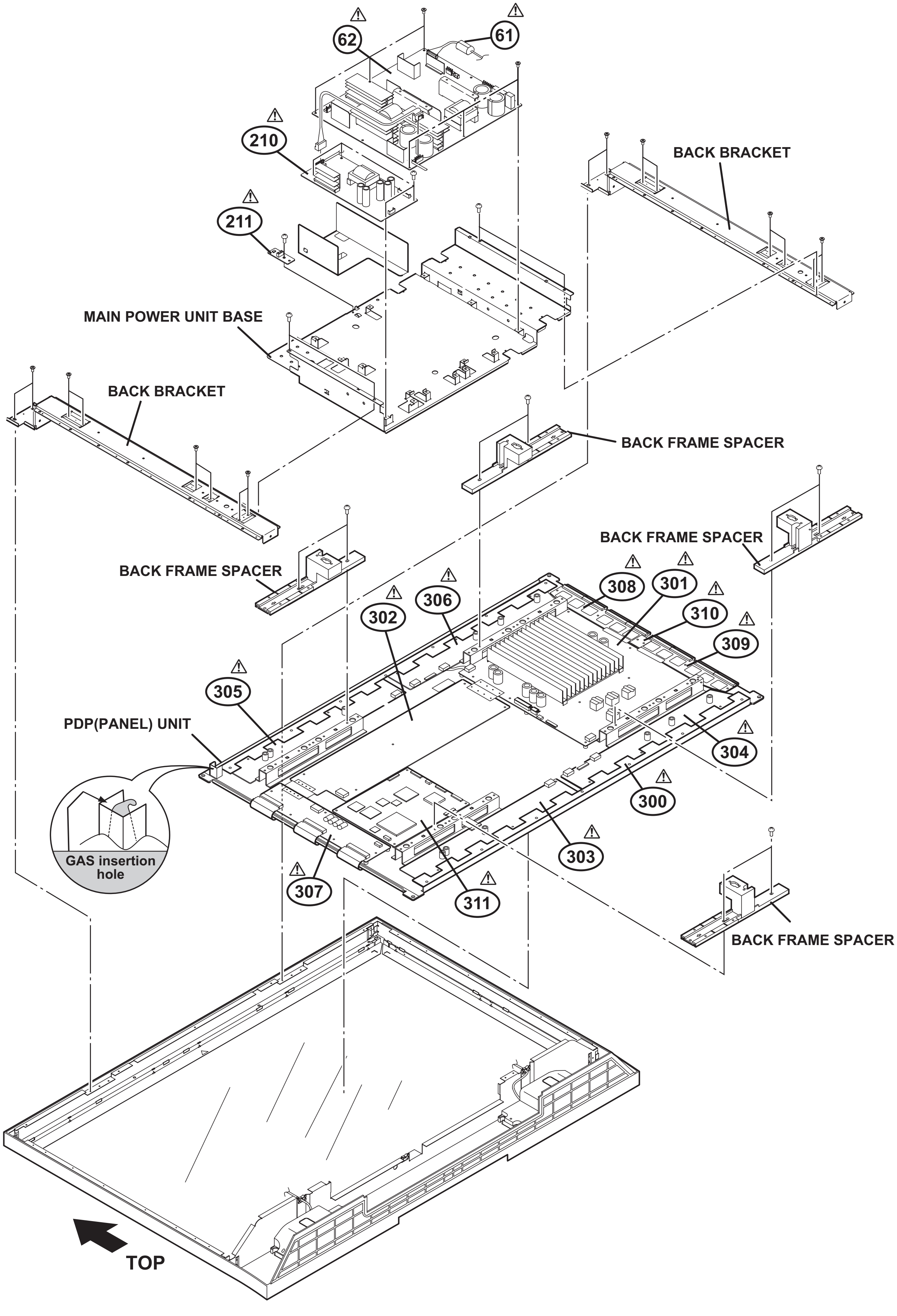
43
41
207
42
41
46
MAIN BASE
FRONT BASE
47
209
CHASSIS BASE
35
AUDIO CHASSIS COVER
34
49
36
48
38
36
37
33
201
AUDIO BASE
TOP

EXPLODED VIEW PARTS LIST - 3

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	61	QQR0491-001	FERRITE CORE		
⚠	62	QAL0635-003	MAIN POWER UNIT		
⚠	210	LCA10422-10C	SUB POWER PWB		PD-Z42DX4
⚠	210	LCA10422-11C	SUB POWER PWB		PD-Z42DX4/S
⚠	211	LCA10446-04A	TEMP.SENSOR PWB	Inc.FRONT CONTROL PWB/FRONT LED PWB	
⚠	300	QLE0037-002	PDP UNIT	Inc.No.301-311	
⚠	301	NE-9S899822	HIGH VOLTAGE PWB		
⚠	302	NE-9S899823	COMMON BRANCH PWB		
⚠	303	NE-9S899824	SIGNAL RELAY PWB(BOTTOM LEFT)		
⚠	304	NE-9S899825	SIGNAL RELAY PWB(BOTTOM RIGHT)		
⚠	305	NE-9S899826	SIGNAL RELAY PWB(UPPER LEFT)		
⚠	306	NE-9S899827	SIGNAL RELAY PWB(UPPER RIGHT)		
⚠	307	NE-9S899828	COMMON RELAY PWB		
⚠	308	NE-9S899830	SCAN RELAY PWB (UPPER)	or NE-9S899839 Please check the indication of the PWB number before replacement.	
⚠	309	NE-9S899831	SCAN RELAY PWB (BOTTOM)	or NE-9S899840 Please check the indication of the PWB number before replacement.	
⚠	310	NE-9S899829	SCAN RELAY PWB (CENTRE)		
⚠	311	NE-9S899864	DIGITAL PWB		

EXPLODED VIEW - 3

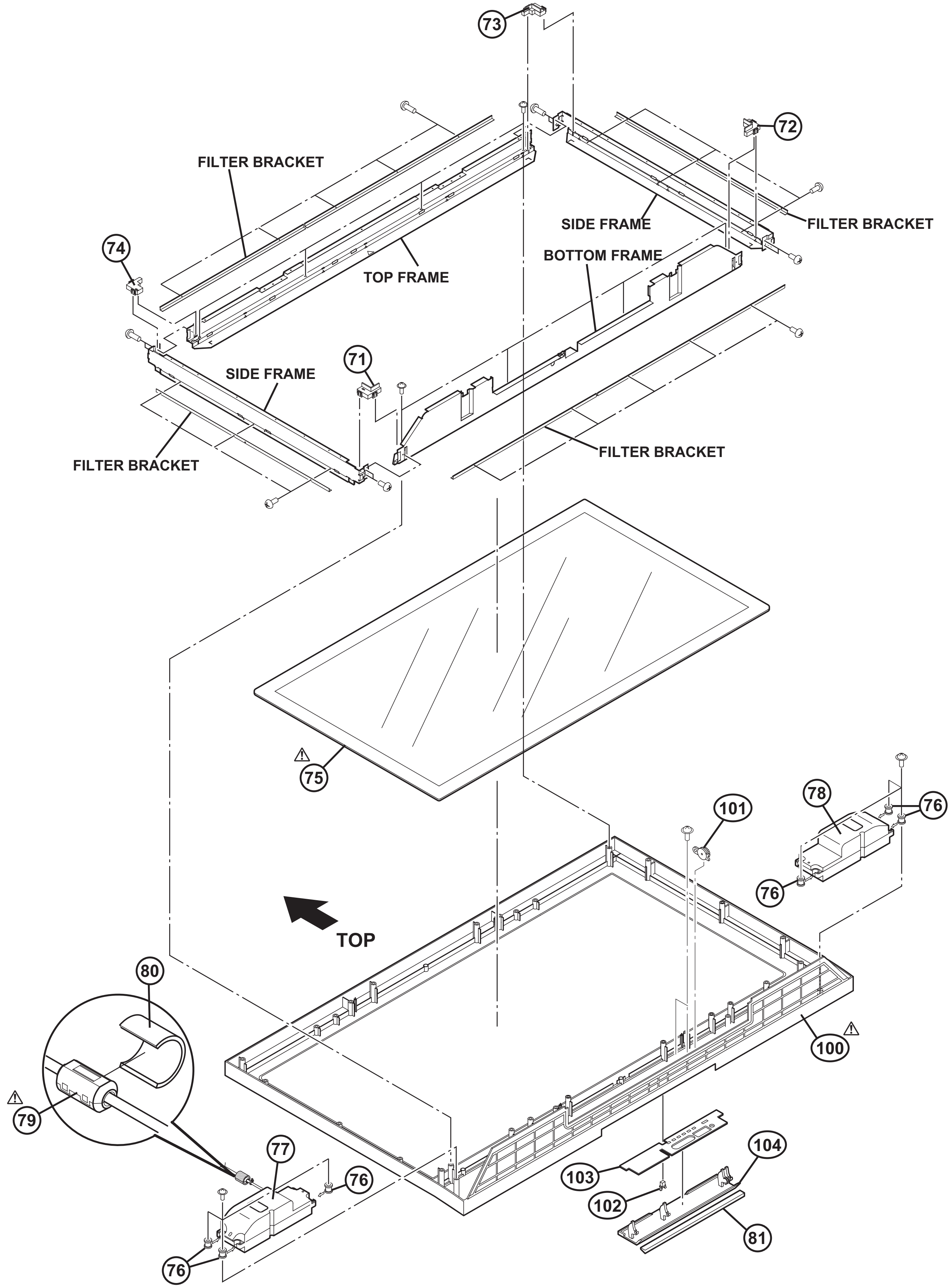


⚠ 62
⚠ 61
⚠ 210
⚠ 211
BACK BRACKET
MAIN POWER UNIT BASE
BACK BRACKET
BACK FRAME SPACER
BACK FRAME SPACER
BACK FRAME SPACER
⚠ 308
⚠ 301
⚠ 310
⚠ 309
⚠ 306
⚠ 302
⚠ 305
PDP(PANEL) UNIT
⚠ 304
⚠ 300
⚠ 303
GAS insertion hole
⚠ 307
⚠ 311
BACK FRAME SPACER
TOP

EXPLODED VIEW PARTS LIST - 4

⚠	Ref.No.	Part No.	Part Name	Description	Local
	71	LC32917-001A	MOUNTING SPACER		
	72	LC32917-002A	MOUNTING SPACER		
	73	LC32917-003A	MOUNTING SPACER		
	74	LC32917-004A	MOUNTING SPACER		
⚠	75	LC32961-001A	FRONT FILTER		PD-Z42DX4
⚠	75	LC33003-001A	FRONT FILTER		PD-Z42DX4/S
	76	LC40226-003A-H	SPACER	(x6)	
	77	LC41913-001A-C	SPEAKER ASSY		
	78	LC41913-002A-C	SPEAKER ASSY		
⚠	79	QQR0491-001	FERRITE CORE		
	80	LC30599-079A	STICK SHEET		
	81	LC32634-001B	REMOCON WINDOW		
⚠	100	LC11958-005B	FRONT PANEL ASSY	Inc.No.101-104	
	101	PEME0904	DAMPER UNIT	(x2)	
	102	PU60005	PUSH OPEN UNIT		
	103	LC32636-005B	CONTROL SHEET		
	104	LC21672-001A	DOOR ASSY		

EXPLODED VIEW - 4


73
72
FILTER BRACKET
SIDE FRAME
FILTER BRACKET
74
BOTTOM FRAME
TOP FRAME
71
SIDE FRAME
FILTER BRACKET
FILTER BRACKET
⚠
75
101
78
76
76
TOP
80
100
⚠
⚠
79
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76
104
103
102
81
76

PRINTED WIRING BOARD PARTS LIST [PD-Z42DX4]

AUDIO P.W. BOARD ASS'Y (LCA10420-03C) (SFP-6003A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC6521	NJW1164M-W	IC		
IC6551	RC4558D-X	IC		
IC6552	RC4558D-X	IC		
IC6621	LM393DR-X	IC		
IC6661	TDA8925ST/N1	IC		
IC6671	BA12FP-X	IC		
Q6521	2SC3928A/QR/-X	TRANSISTOR		
Q6522	2SC3928A/QR/-X	TRANSISTOR		
Q6523	2SA1530A/QR/-X	TRANSISTOR		
Q6531	2SC3928A/QR/-X	TRANSISTOR		
Q6532	2SC3928A/QR/-X	TRANSISTOR		
Q6533	2SC3928A/QR/-X	TRANSISTOR		
Q6534	2SA1530A/QR/-X	TRANSISTOR		
Q6538	2SC3928A/QR/-X	TRANSISTOR		
Q6539	2SC3928A/QR/-X	TRANSISTOR		
Q6661	UN2112-X	DIGI TRANSISTOR		
Q6662	2SC3928A/QR/-X	TRANSISTOR		
Q6663	UN2212-X	DIGI TRANSISTOR		
Q6672	2SC3928A/QR/-X	TRANSISTOR		
Q6673	2SA1530A/QR/-X	TRANSISTOR		
D6501	MA111-X	SI DIODE		
D6502	MA111-X	SI DIODE		
D6503	MA111-X	SI DIODE		
D6504	MA111-X	SI DIODE		
D6601	MA8062/M/-X	Z DIODE		
D6663	MA8033-X	Z DIODE		
D6671	MA8200-X	Z DIODE		
D6672	MA8200-X	Z DIODE		
D6673	MA8200-X	Z DIODE		
D6674	MA8200-X	Z DIODE		
D6681	MA111-X	SI DIODE		
D6682	MA111-X	SI DIODE		
D6683	MA111-X	SI DIODE		
C6505	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6510	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6513	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6514	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6515	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C6516	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6521	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6526	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6527	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6528	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6534	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6535	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6537	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6538	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6539	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6540	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6541	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6542	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6543	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6544	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6551	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6552	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6553	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6555	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6556	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6559	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6562	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6563	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6564	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6585	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6586	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6605	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6622	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6627	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6661	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6662	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6668	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C6670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C6671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C6672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6676	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6677	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C6679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C6680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C6681	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6686	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6692	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6693	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R6515	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6516	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6518	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6519	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6552	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6555	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6557	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R6558	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6559	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6560	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6592	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6593	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6594	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6595	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6596	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6607	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6617	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	
R6625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6626	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6630	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R6633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6635	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
R6661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R6664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R6666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
R6667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R6668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
R6669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R6670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6680	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6681	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6682	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6683	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6684	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6685	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6686	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6693	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L6661	QQL28AK-560	COIL	56uH K	
L6662	QQL28AK-560	COIL	56uH K	
K6601	QQR0621-002Z	FERRITE BEADS		
K6602	QQR0621-002Z	FERRITE BEADS		

INTERFACE P.W. BOARD ASS'Y (LCA10424-22D) (SFP-7310A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC801	BA33BC0FP-X	IC		
IC802	BA33BC0FP-X	IC		
IC805	ATE16-Z42DX4	IC	(SERVICE)	
IC807	HD6433685A80H	IC(MCU)		
IC809	S-80840CLNB-W	IC		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q811	2SK2090-X	MOS FET		
Q813	2SK2090-X	MOS FET		
Q814	2SK2090-X	MOS FET		
Q815	2SC3928A/QR/-X	TRANSISTOR		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D903	MA111-X	SI DIODE		
C114	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C117	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R892	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R903	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R913	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R926	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R930	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R939	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R962	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R963	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R968	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R971	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R974	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R975	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R976	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R978	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R979	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R980	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R981	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R985	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R986	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
CN0FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
X802	NAX0613-001X	C RESONATOR		

FRONT CONTROL P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1001	NJM2777M-X	IC		
D1001	MA8039/H/-X	Z DIODE		
D1104	MA8100/M/-X	Z DIODE		
D1105	MA8100/M/-X	Z DIODE		
C1002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1004	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1005	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1006	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C1007	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1008	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1009	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1010	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C1011	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C1012	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1104	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C1105	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C1106	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1108	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
R1001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1009	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1012	QRL036J-330	OMF RESISTOR	33Ω 3W J	
R1101	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1104	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1404	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1405	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1601	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1602	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1603	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1604	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
CN800F	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
J1001	QNS0051-001	3.5 JACK	HEADPHONE	
J1101	QNZ0438-001	AV JACK	VIDEO4 IN	
J1401	QNZ0061-001	D CONNECTOR	PC IN(D-SUB)	
LC1401	QQR1199-001	EMI FILTER		
LC1402	QQR1199-001	EMI FILTER		
LC1403	QQR1199-001	EMI FILTER		
S1201	QSW0619-003Z	TACT SWITCH	POWER	
S1601	QSW0619-003Z	TACT SWITCH	CH-	
S1602	QSW0619-003Z	TACT SWITCH	TV/VIDEO	
S1603	QSW0619-003Z	TACT SWITCH	CH+	
S1604	QSW0619-003Z	TACT SWITCH	VOL+	
S1605	QSW0619-003Z	TACT SWITCH	MENU/OK	
S1606	QSW0619-003Z	TACT SWITCH	VOL-	

FRONT LED P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1742	GP1UA261XK	IR DETECT UNIT	38kHz	
Q1741	UN2212-X	DIGI TRANSISTOR		
Q1745	UN2110-X	DIGI TRANSISTOR		
D1744	HLMP-NS30-J0000	LED	POWER	
C1742	NEH71CM-476X	E CAPACITOR	47uF 16V M	
R1741	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1744	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1748	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

TEMP. SENSOR P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8101	TCN75-5.0MOA-X	IC		
C8101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R8101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R8103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

REGULATOR P.W. BOARD ASS'Y (LCA10426-09C) (SFP-9307A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1410ES-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-270X	COIL	27uH M	
L9621	NQL71EM-150X	COIL	15uH M	

LINE FILTER P.W. BOARD ASS'Y (LCA10427-14A) (SFP-9310A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9081-225	MPP CAPACITOR	2.2uF 275V M	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9913	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9915	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
CN90E1	QUB03K-08FPHM	SIN TWIST WIRE		
CN90PW	WJK0050-003A	E-SI C WIRE C-B		
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QNC0103-001	AC INLET(NOISE)		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		

SUB POWER P.W. BOARD ASS'Y (LCA10422-10C) (SFP-9314A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
Q9071	KTC3199/YG/-T	TRANSISTOR		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-5025-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-5025-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	RU4YX-F1	SI DIODE		
D9052	RU4YX-F1	SI DIODE		
D9053	FMX-G12S	SI DIODE		
D9054	RGP10J-5025-T3	SI DIODE		
D9055	RD33E/B1/-T2	Z DIODE		
D9071	RU4YX-F1	SI DIODE		
D9072	1SS133-T2	SI DIODE		
D9073	MTZJ5.1A-T2	Z DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-335Z	E CAPACITOR	3.3uF 50V M	
C9011	QEHR1HM-336Z	E CAPACITOR	33uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9054	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9055	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9060	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9072	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9073	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9074	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRT01EJ-R39X	MF RESISTOR	0.39Ω 1W J	
R9004	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J	
⚠R9005	QRL039J-563	OMF RESISTOR	56kΩ 3W J	
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-1802Y	CMF RESISTOR	18kΩ 1/4W F	
R9057	QRA14CF-3301Y	CMF RESISTOR	3.3kΩ 1/4W F	
R9058	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9060	QRL02EJ-152X	OMF RESISTOR	1.5kΩ 2W J	
R9071	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J	
R9072	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R9073	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9074	QRE141J-822Y	C RESISTOR	8.2kΩ 1/4W J	
R9075	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
L9051	QQL26AK-220Z	COIL	22uH K	
⚠T9001	QQS0279-001	SW TRANSF		

⚠Ref No.	Part No.	Part Name	Description	Local
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9071	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9072	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9073	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		

ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10423-13C) (SFP-0A303A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC503	MM1510XN-X	IC		
IC604	RC4558D-X	IC		
IC711	CXA1875AM-X	IC		
IC801	TB1274AF	IC		
IC802	TC90A69AF-X	IC		
IC902	TA48M033F-X	IC		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK1374-X	MOS FET		
Q403	2SK1374-X	MOS FET		
Q404	2SK1374-X	MOS FET		
Q405	2SK1374-X	MOS FET		
Q508	2SA1530A/QR/-X	TRANSISTOR		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
Q902	2SC3074/OY/-X	TRANSISTOR		
QB611	2SC3928A/QR/-X	TRANSISTOR		
QB612	2SC3928A/QR/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
QB614	2SA1530A/QR/-X	TRANSISTOR		
D501	MA8100/M/-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	MA8033-X	Z DIODE		
DB601	MA111-X	SI DIODE		
DB602	MA111-X	SI DIODE		
DB603	MA111-X	SI DIODE		
DB604	MA111-X	SI DIODE		
DB605	MA111-X	SI DIODE		
DB606	MA111-X	SI DIODE		
DB607	MA111-X	SI DIODE		
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C303	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C304	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C305	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C319	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C343	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C349	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C355	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C356	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C357	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C501	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C502	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C503	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C520	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C523	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C601	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	
C602	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	
C661	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C663	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C664	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C666	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C711	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C804	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C886	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C889	NEHL1HM-106X	E CAPACITOR	10uF 50V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C890	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C891	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
C915	NEHL1CM-107X	E CAPACITOR	100uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB611	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
CB612	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
CB613	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
CB614	NEH71CM-476X	E CAPACITOR	47uF 16V M	
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R213	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R220	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R322	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R332	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R373	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R375	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R383	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R385	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R393	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R395	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R538	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R632	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R633	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R635	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R636	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R637	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R661	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R662	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R665	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R667	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R714	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R719	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R720	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R908	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB303	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB304	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB305	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB602	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB611	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
RB612	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
RB613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB614	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
RB615	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
RB616	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL914K-101X	COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	P COIL	6.8uH K	
L852	NQL092K-6R8X	P COIL	6.8uH K	
L853	NQL092K-6R8X	P COIL	6.8uH K	
L854	NQL092M-270X	P COIL	27uH M	
L855	NQL904J-560X	COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L903	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	CSB503F30	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10428-44H) (SFP-0D310A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	K4D263238F-UC50	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-Z42DX4	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATE256-Z42DX4-1	IC	(SERVICE)	
IC6501	DS90C387VJD	IC		
IC6504	DS90LV018ATM-X	IC		
IC7001	MN102H60KKJ	IC(MCU)		
IC7002	ATE256-Z42DX4-2	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160T90PT	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATE32-Z42DX4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	MA111-X	SI DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0218	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0318	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7522	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7553	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0212	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0312	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1011	NQL093K-R10X	P COIL	0.1uH K	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	

⚠Ref No.	Part No.	Part Name	Description	Local
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6506	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6525	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6526	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9109	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6511	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6512	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L0101	NQL092K-2R2X	P COIL	2.2uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-2R2X	P COIL	2.2uH K	
L0202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-2R2X	P COIL	2.2uH K	
L0302	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	P COIL	1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-6R8X	P COIL	6.8uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1401	NQL092K-6R8X	P COIL	6.8uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1501	NQL092K-4R7X	P COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6501	NQR0351-001X	FERRITE BEADS		
L6503	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6504	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6505	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6506	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
L6507	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7501	NQL092K-4R7X	P COIL	4.7uH K	
L7502	NQL092K-4R7X	P COIL	4.7uH K	
L7503	NQL092K-4R7X	P COIL	4.7uH K	
L7504	NQL092K-4R7X	P COIL	4.7uH K	
L7505	NQL092K-4R7X	P COIL	4.7uH K	
L7506	NQL914M-4R7X	COIL	4.7uH M	
L7507	NQL092K-4R7X	P COIL	4.7uH K	
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7509	NQL092K-4R7X	P COIL	4.7uH K	
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7511	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQL914M-4R7X	COIL	4.7uH M	
L7513	NQL914M-4R7X	COIL	4.7uH M	
L7514	NQL092K-4R7X	P COIL	4.7uH K	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

RECEIVER P.W. BOARD ASS'Y (LCA10476-03E) (SFP-0F303A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3101	M62320FP-X	IC		
IC3501	MSP3415GQGB8V3M	IC		
IC3502	HA17558AF-X	IC		
IC3504	BA80BC0FP-X	IC		
IC3601	AN5285K	IC		
IC3651	HA17558AF-X	IC		
IC3701	TPS852-W	PHOTO CONDUCTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3502	2SC3928A/QR/-X	TRANSISTOR		
Q3503	UN2213-X	DIGI TRANSISTOR		
D3501	MA8100/M/-X	Z DIODE		
C3003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3007	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3009	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3011	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3101	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3501	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3504	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3513	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3514	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3518	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3519	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3520	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3521	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3522	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3523	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3524	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3525	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3526	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3527	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3528	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3529	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3530	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3533	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3534	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3535	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3536	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3537	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3540	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C3541	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C3542	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3543	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3544	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3546	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3547	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3548	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3601	NEH71EM-475X	E CAPACITOR	4.7uF 25V M	
C3602	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3603	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3604	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3605	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3607	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3608	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3609	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3610	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3651	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3652	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3653	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3654	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3701	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3702	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3703	NCB11AK-106X	C CAPACITOR	10uF 10V K	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3103	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3518	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3519	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3520	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3521	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3540	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3541	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3543	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3544	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3545	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3546	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3547	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3601	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R3602	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3605	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3606	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3607	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R3608	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3611	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3651	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3652	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3653	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3655	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3656	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3657	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3658	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3701	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
L3001	NQL79GM-220X	COIL	22uH M	
L3002	NQL79GM-100X	COIL	10uH M	
L3503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3504	NQL79GM-4R7X	COIL	4.7uH M	
L3505	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3506	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3507	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3501	NQR0389-003X	FERRITE BEADS		
K3502	NQR0389-003X	FERRITE BEADS		
LC3501	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
⚠TU3001	QAU0366-001	TUNER		
X3501	QAX0773-001Z	CRYSTAL	18.432000MHz	

AV JACK P.W. BOARD ASS'Y (LCA10445-04C) (SFP-0J303A)

⚠Ref No.	Part No.	Part Name	Description	Local
Q2051	UN2226-X	DIGI TRANSISTOR		
Q2052	UN2226-X	DIGI TRANSISTOR		
Q2055	UN2110-X	DIGI TRANSISTOR		
Q2201	DTC323TK-X	DIGI TRANSISTOR		
Q2203	DTC323TK-X	DIGI TRANSISTOR		
Q2204	DTC323TK-X	DIGI TRANSISTOR		
Q2205	2SA1037AK/QR/-X	TRANSISTOR		
D2053	MA8100-X	Z DIODE		
D2054	MA8100-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2202	MA8100/M/-X	Z DIODE		
D2203	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
D2208	MA8100/M/-X	Z DIODE		
D2209	MA8100/M/-X	Z DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2003	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2009	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2017	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2018	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2019	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2020	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2055	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2201	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2202	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2203	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2204	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2205	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2207	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2209	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2210	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2215	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2055	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2056	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2057	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2060	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2061	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2062	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2066	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2069	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2205	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2215	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2216	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2217	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2218	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2219	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2221	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2222	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
J2001	QNZ0700-001	AV JACK	VIDEO1/2 IN	
J2003	QNN0646-001	PIN JACK	VIDEO3 COMP IN	
J2004	QNN0642-001	PIN JACK	VIDEO3/CENTER CH IN	
J2005	QNN0646-001	PIN JACK	VIDEO1 COMP IN	
J2006	QNN0644-001	PIN JACK	VIDEO OUT	
J2007	QNN0645-001	PIN JACK	SUB WOOFER/AUDIO OUT	

PRINTED WIRING BOARD PARTS LIST [PD-Z42DX4/S]

AUDIO P.W. BOARD ASS'Y (LCA10420-03C) (SFP-6003A)

REFER TO PARTS LIST IN PAGE PAGE 3-11 FOR THIS P.W. BOARD.

INTERFACE P.W. BOARD ASS'Y (LCA10424-23D) (SFP-7311A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC801	BA33BC0FP-X	IC		
IC802	BA33BC0FP-X	IC		
IC805	ATE16-Z42DX4	IC	(SERVICE)	
IC807	HD6433685A80H	IC(MCU)		
IC809	S-80840CLNB-W	IC		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q811	2SK2090-X	MOS FET		
Q813	2SK2090-X	MOS FET		
Q814	2SK2090-X	MOS FET		
Q815	2SC3928A/QR/-X	TRANSISTOR		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D903	MA111-X	SI DIODE		
C114	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C117	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R892	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R903	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R913	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R926	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R930	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R939	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R962	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R963	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R968	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R971	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R974	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R975	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R976	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R978	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R979	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R980	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R981	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R985	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R986	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
CN0FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

⚠Ref No.	Part No.	Part Name	Description	Local
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
X802	NAX0613-001X	C RESONATOR		

FRONT CONTROL P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

REFER TO PARTS LIST IN PAGE PAGE 3-13 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

REFER TO PARTS LIST IN PAGE PAGE 3-13 FOR THIS P.W. BOARD.

TEMP. SENSOR P.W. BOARD ASS'Y (LCA10446-04A) (SFP-8301A)

REFER TO PARTS LIST IN PAGE PAGE 3-13 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (LCA10426-10C) (SFP-9319A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1410ES-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-270X	COIL	27uH M	
L9621	NQL71EM-150X	COIL	15uH M	

LINE FILTER P.W. BOARD ASS'Y (LCA10427-15A) (SFP-9311A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9081-225	MPP CAPACITOR	2.2uF 275V M	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9913	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9915	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
CN90E1	QUB03K-08FPHM	SIN TWIST WIRE		
CN90PW	WJK0050-003A	E-SI C WIRE C-B		
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QNC0099-001	AC INLET(NOISE)		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		

SUB POWER P.W. BOARD ASS'Y (LCA10422-11C) (SFP-9315A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
Q9071	KTC3199/YG/-T	TRANSISTOR		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-5025-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-5025-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	RU4YX-F1	SI DIODE		
D9052	RU4YX-F1	SI DIODE		
D9053	FMX-G12S	SI DIODE		
D9054	RGP10J-5025-T3	SI DIODE		
D9055	RD33E/B1/-T2	Z DIODE		
D9071	RU4YX-F1	SI DIODE		
D9072	1SS133-T2	SI DIODE		
D9073	MTZJ5.1A-T2	Z DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-335Z	E CAPACITOR	3.3uF 50V M	
C9011	QEHR1HM-336Z	E CAPACITOR	33uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9054	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9055	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9060	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9072	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9073	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9074	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRT01EJ-R39X	MF RESISTOR	0.39Ω 1W J	
R9004	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J	
⚠R9005	QRL039J-563	OMF RESISTOR	56kΩ 3W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-1802Y	CMF RESISTOR	18kΩ 1/4W F	
R9057	QRA14CF-3301Y	CMF RESISTOR	3.3kΩ 1/4W F	
R9058	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9060	QRL02EJ-152X	OMF RESISTOR	1.5kΩ 2W J	
R9071	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J	
R9072	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R9073	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9074	QRE141J-822Y	C RESISTOR	8.2kΩ 1/4W J	
R9075	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
L9051	QQL26AK-220Z	COIL	22uH K	
⚠T9001	QQS0279-001	SW TRANSF		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9071	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9072	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9073	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		

ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10423-13C) (SFP-0A303A)

REFER TO PARTS LIST IN PAGE PAGE 3-15 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10428-45H) (SFP-0D311A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	HY5DU283222AQ-5	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-Z42DX4	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATE256-Z42DX4-1	IC	(SERVICE)	
IC6501	DS90C387VJD	IC		
IC6504	DS90LV018ATM-X	IC		
IC7001	MN102H60KKJ	IC(MCU)		
IC7002	ATE256-Z42DX4-2	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160T90PT	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATE32-Z42DX4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	MA111-X	SI DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0218	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0318	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7522	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7553	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0212	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0312	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1011	NQL093K-R10X	P COIL	0.1uH K	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6506	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6525	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6526	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9109	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6511	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6512	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L0101	NQL092K-2R2X	P COIL	2.2uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-2R2X	P COIL	2.2uH K	
L0202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-2R2X	P COIL	2.2uH K	
L0302	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	P COIL	1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-6R8X	P COIL	6.8uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1401	NQL092K-6R8X	P COIL	6.8uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1501	NQL092K-4R7X	P COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6501	NQR0351-001X	FERRITE BEADS		
L6503	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6504	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6505	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6506	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L6507	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7501	NQL092K-4R7X	P COIL	4.7uH K	
L7502	NQL092K-4R7X	P COIL	4.7uH K	
L7503	NQL092K-4R7X	P COIL	4.7uH K	
L7504	NQL092K-4R7X	P COIL	4.7uH K	
L7505	NQL092K-4R7X	P COIL	4.7uH K	
L7506	NQL914M-4R7X	COIL	4.7uH M	
L7507	NQL092K-4R7X	P COIL	4.7uH K	
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7509	NQL092K-4R7X	P COIL	4.7uH K	

⚠Ref No.	Part No.	Part Name	Description	Local
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7511	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQL914M-4R7X	COIL	4.7uH M	
L7513	NQL914M-4R7X	COIL	4.7uH M	
L7514	NQL092K-4R7X	P COIL	4.7uH K	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

RECEIVER P.W. BOARD ASS'Y (LCA10476-03E) (SFP-0F303A)

REFER TO PARTS LIST IN PAGE PAGE 3-23 FOR THIS P.W. BOARD.

AV JACK P.W. BOARD ASS'Y (LCA10445-04C) (SFP-0J303A)

REFER TO PARTS LIST IN PAGE PAGE 3-24 FOR THIS P.W. BOARD.

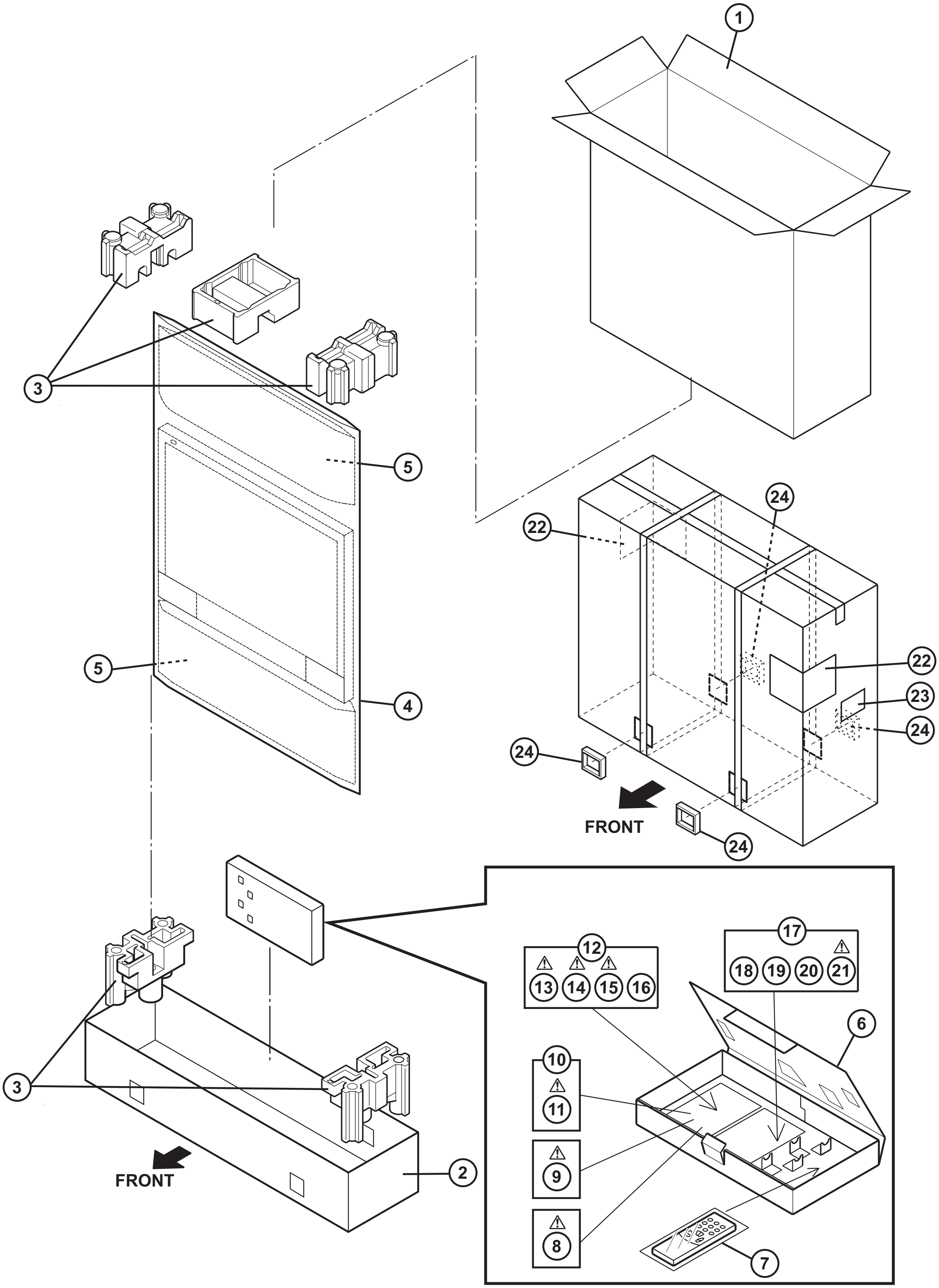
REMOTE CONTROL UNIT PARTS LIST (RM-C1830-1C)

⚠	Ref No.	Part No.	Part Name	Description	Local
		2AA070311	BATTERY COVER		

PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC21557-010A	PACKING CASE(TOP)		
	2	LC21556-001B	PACKING CASE(BOTTOM)		
	3	LC11909-001C	CUSHION ASSY	5pcs in 1set	
	4	LC30236-007A	POLY BAG		
	5	LC41035-001A	POLY BAG	(x2)	
	6	LC21264-001A	ACCESSORY BOX		
	7	RM-C1830-1C	REMOCON UNIT	Inc.POLY BAG	
⚠	8	QMPB560-180-JC	POWER CORD(JP)	1.8m BLACK	PD-Z42DX4
⚠	8	QMPB320-180-R	POWER CORD(JP)	1.8m BLACK	PD-Z42DX4/S
⚠	9	QMPP170-200-JC	POWER CORD(EK)	2m BLACK	
	10	QPA01203005	POLY BAG	12cm x 30cm	PD-Z42DX4
⚠	11	QMPL050-250-K	POWER CORD(EU)	2.5m BLACK	PD-Z42DX4
	12	QPA02503505P	POLY BAG	25cm x 35cm	
⚠	13	LCT1667-001A	CAUTION BOOK	English/French/Russian/Arabic/Chinese/Persian	
⚠	14	LCT1774-001A	INST BOOK	English	
⚠	15	LCT1775-001A	INST BOOK	French/Russian/Arabic/Chinese/Persian	
	16	LCT1716-001A	INST SHEET	English/French/Russian/Arabic/Chinese/Persian	PD-Z42DX4
	16	LCT1715-001A	INST SHEET	English/French/Russian/Arabic/Chinese/Persian	PD-Z42DX4/S
	17	QPA01203005	POLY BAG	12cm x 30cm	
	18	------------	BATTERY	R6P/AA(x2)	
	19	QYSPSPD5016MA	SCREW	M5 x 16mm(x2)	
	20	LC41320-001A	NYRON CLAMP	(x2) HOOK	
⚠	21	QQR1454-001	CORE FILTER	(x2)	PD-Z42DX4
⚠	21	QQR0491-001	CORE FILTER		PD-Z42DX4/S
	22	LC20989-001A-H	CORNER LABEL	(x3)	
	23	LC42125-001A	SASO LABEL		PD-Z42DX4/S
	24	CP30903-001	JOINT	(x4)	

PACKING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JVC

SCHEMATIC DIAGRMAS

PDP COLOUR TELEVISION

PD-Z42DX4,
PD-Z42DX4/S

CD-ROM No.SML200502

BASIC CHASSIS
FP2

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CINEMA SURROUND

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HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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2005/2

PD-Z42DX4, PD-Z42DX4/S

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Oththers ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors

47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

No unit	: [μH]
Others	: As specified

(4)Power Supply

═══	: B1	■■■■	: B2 (12V)
■□■□	: 9V	□□□□	: 5V

∗Respective voltage values are indicated

(5)Test point

◉ : Test point ○ : Only test point display

(6)Connecting method

▭ : Connector ○ : Wrapping or soldering

→≻— →✕— : Receptacle

(7)Ground symbol

⊥ : LIVE side ground

⏊ : ISOLATED(NEUTRAL) side ground

⏚ : EARTH ground

▽ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏊) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list. When ordering parts, please use the numbers that appear in the Parts List.**

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FRONT CONTROL PWB PATTERN 2-75

FRONT LED PWB PATTERN... 2-76

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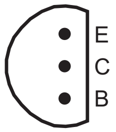
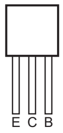
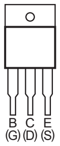
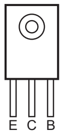
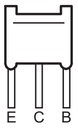
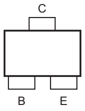
USING P.W. BOARD

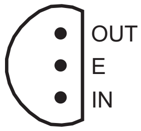
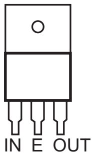
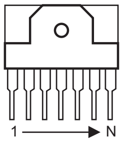
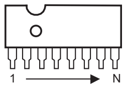
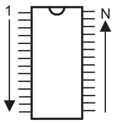
P.W.B ASS'Y name	PD-Z42DX4	PD-Z42DX4/S
RECEIVER PWB	LCA10476-03E (SFP-0F303A)	←
ANALOG SIGNAL PWB	LCA10423-13C (SFP-0A303A)	←
AV JACK PWB	LCA10445-04C (SFP-0J303A)	←
DIGITAL SIGNAL PWB	LCA10428-44H (SFP-0D310A)	LCA10428-45H (SFP-0D311A)
INTERFACE PWB	LCA10424-22D (SFP-7310A)	LCA10424-23D (SFP-7311A)
AUDIO PWB	LCA10420-03C (SFP-6003A)	←
FRONT CONTROL PWB	LCA10446-04A (SFP-8301A)	←
FRONT LED PWB	LCA10446-04A (SFP-8301A)	←
TEMP. SENSOR PWB	LCA10446-04A (SFP-8301A)	←
REGULATOR PWB	LCA10426-09C (SFP-9307A)	LCA10426-10C (SFP-9319A)
LINE FILTER PWB	LCA10427-14A (SFP-9310A)	LCA10427-15A (SFP-9311A)
SUB POWER PWB	LCA10422-10C (SFP-9314A)	LCA10422-11C (SFP-9315A)

SEMICONDUCTOR SHAPES

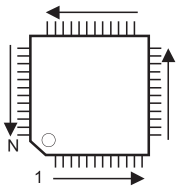
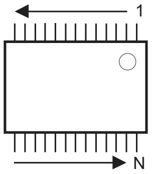
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

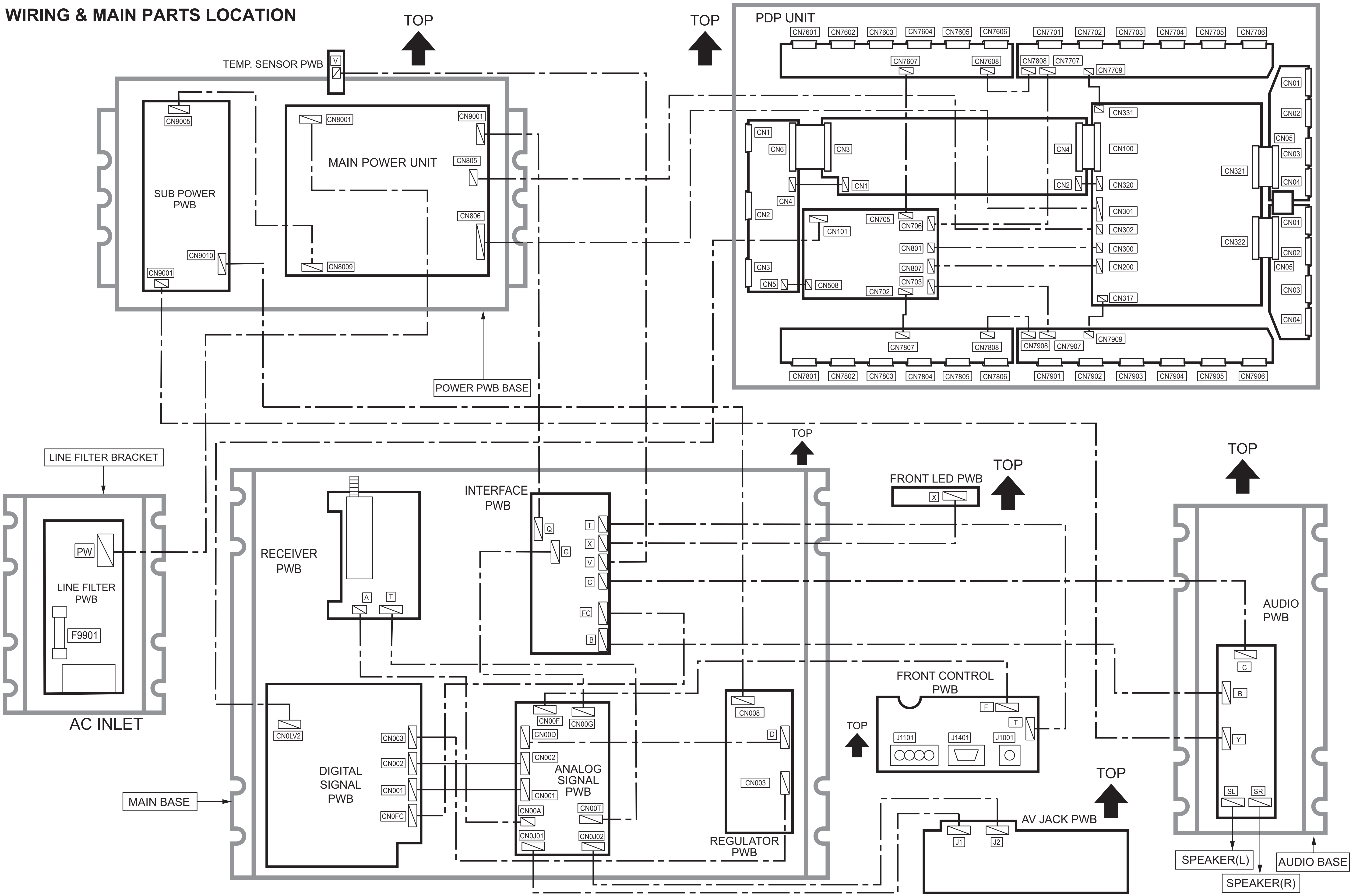
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

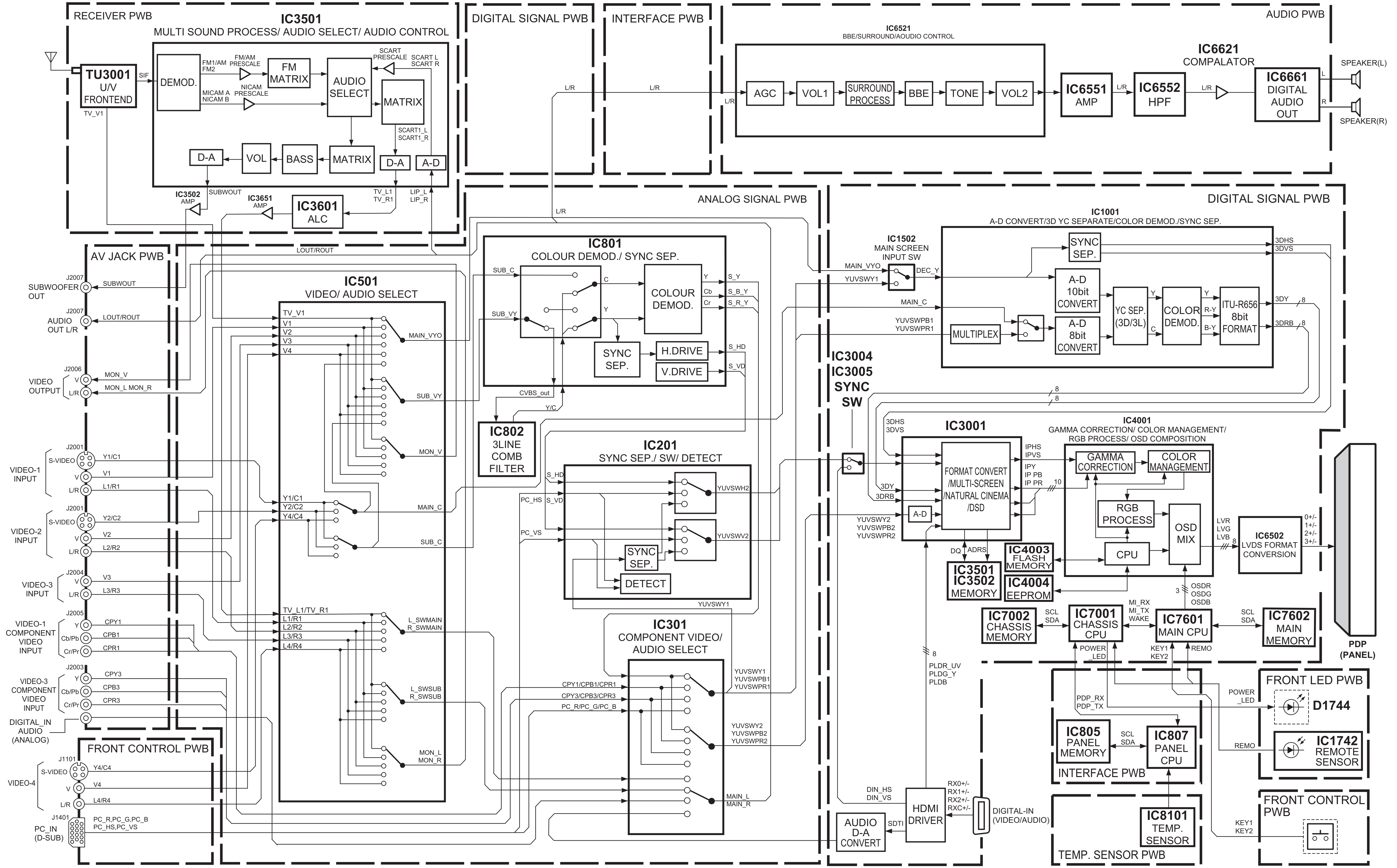
CHIP IC

TOP VIEW		
		

WIRING & MAIN PARTS LOCATION

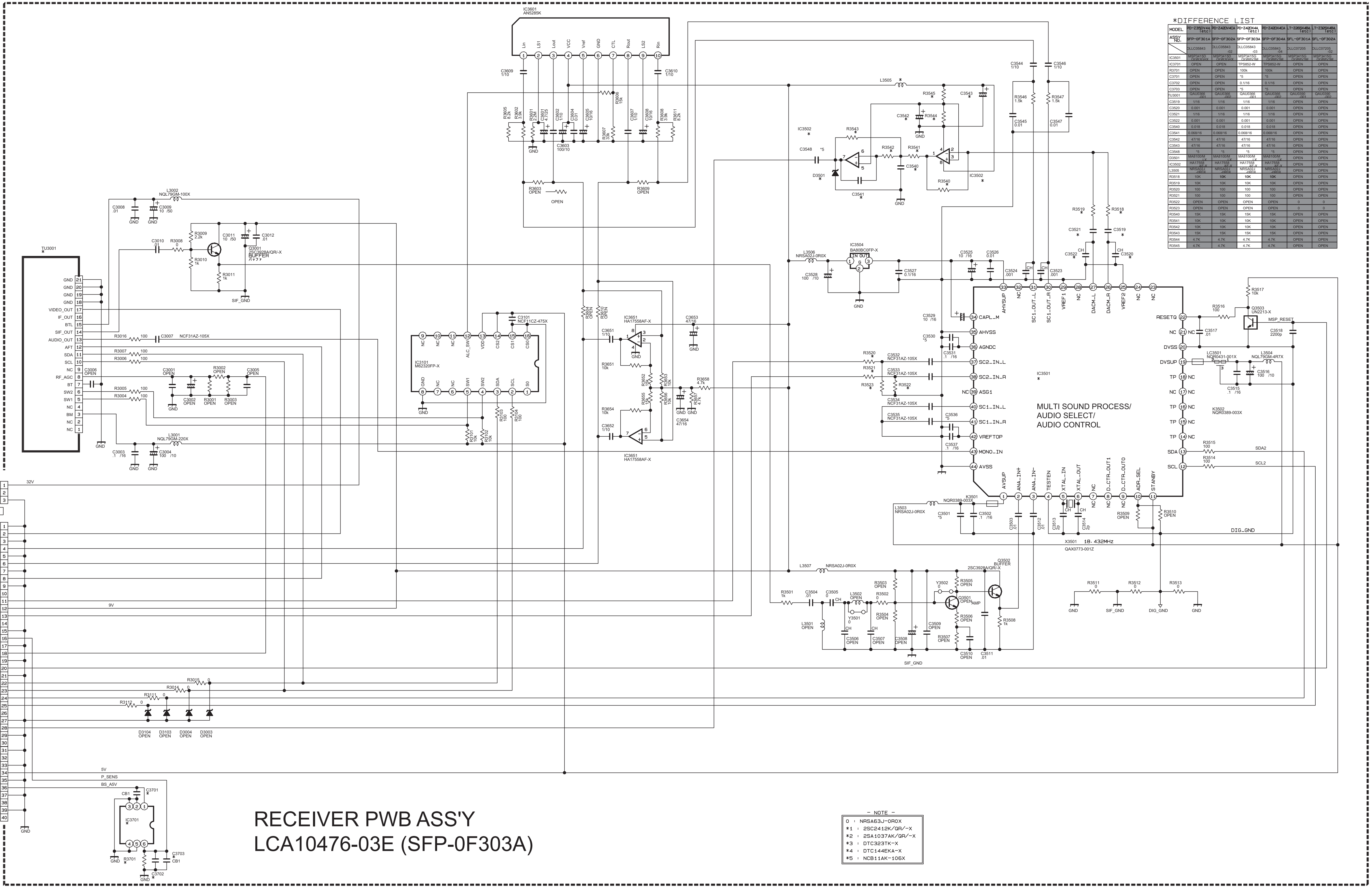

TOP
TEMP. SENSOR PWB
V
SUB POWER PWB
CN9005
CN9010
CN9001
MAIN POWER UNIT
CN8001
CN9001
CN805
CN806
CN8009
POWER PWB BASE
PDP UNIT
CN7601
CN7602
CN7603
CN7604
CN7605
CN7606
CN7701
CN7702
CN7703
CN7704
CN7705
CN7706
CN7607
CN7608
CN7808
CN7707
CN7709
CN1
CN6
CN3
CN1
CN4
CN2
CN3
CN5
CN508
CN101
CN705
CN706
CN801
CN807
CN703
CN702
CN4
CN2
CN331
CN100
CN320
CN301
CN302
CN300
CN200
CN317
CN321
CN322
CN01
CN02
CN05
CN03
CN04
CN01
CN02
CN05
CN03
CN04
CN7807
CN7808
CN7908
CN7907
CN7909
CN7801
CN7802
CN7803
CN7804
CN7805
CN7806
CN7901
CN7902
CN7903
CN7904
CN7905
CN7906
LINE FILTER BRACKET
PW
LINE FILTER PWB
F9901
AC INLET
TOP
RECEIVER PWB
A
T
INTERFACE PWB
Q
G
T
X
V
C
FC
B
DIGITAL SIGNAL PWB
CN0LV2
CN003
CN002
CN001
CN0FC
ANALOG SIGNAL PWB
CN00F
CN00G
CN00D
CN002
CN001
CN00A
CN00T
CN0J01
CN0J02
REGULATOR PWB
CN008
D
CN003
MAIN BASE
FRONT LED PWB
X
TOP
FRONT CONTROL PWB
F
T
J1101
J1401
J1001
TOP
AV JACK PWB
J1
J2
TOP
TOP
AUDIO PWB
C
B
Y
SL
SR
SPEAKER(L)
SPEAKER(R)
AUDIO BASE

BLOCK DIAGRAM


RECEIVER PWB
IC3501
MULTI SOUND PROCESS/ AUDIO SELECT/ AUDIO CONTROL
TU3001
U/V
FRONTEND
TV_V1
SIF
DEMOD.
FM1/AM
FM2
FM/AM PRESCALE
FM MATRIX
MICAM A
NICAM B
NICAM PRESCALE
AUDIO SELECT
SCART PRESCALE
SCART L
SCART R
MATRIX
SCART1_L
SCART1_R
D-A
VOL
BASS
MATRIX
D-A
A-D
IC3502
AMP
SUBWOUT
IC3651
AMP
IC3601
ALC
TV_L1
TV_R1
LIP_L
LIP_R
LOUT/ROUT
DIGITAL SIGNAL PWB
INTERFACE PWB
AUDIO PWB
IC6521
BBE/SURROUND/AOUDIO CONTROL
L/R
AGC
VOL1
SURROUND PROCESS
BBE
TONE
VOL2
IC6551
AMP
IC6552
HPF
IC6621
COMPALATOR
IC6661
DIGITAL AUDIO OUT
SPEAKER(L)
SPEAKER(R)
L
R
AV JACK PWB
J2007
SUBWOOFER OUT
SUBWOUT
AUDIO OUT L/R
LOUT/ROUT
J2006
VIDEO OUTPUT
MON_V
MON_L MON_R
J2001
VIDEO-1 INPUT
S-VIDEO
Y1/C1
V1
L1/R1
VIDEO-2 INPUT
Y2/C2
V2
L2/R2
J2004
VIDEO-3 INPUT
V3
L3/R3
J2005
VIDEO-1 COMPONENT VIDEO INPUT
CPY1
CPB1
CPR1
J2003
VIDEO-3 COMPONENT VIDEO INPUT
CPY3
CPB3
CPR3
DIGITAL_IN AUDIO (ANALOG)
FRONT CONTROL PWB
J1101
VIDEO-4
Y4/C4
V4
L4/R4
J1401
PC_IN (D-SUB)
PC_R,PC_G,PC_B
PC_HS,PC_VS
ANALOG SIGNAL PWB
IC501
VIDEO/ AUDIO SELECT
TV_V1
V1
V2
V3
V4
MAIN_VYO
SUB_VY
MON_V
Y1/C1
Y2/C2
Y4/C4
MAIN_C
SUB_C
TV_L1/TV_R1
L1/R1
L2/R2
L3/R3
L4/R4
L_SWMAIN
R_SWMAIN
L_SWSUB
R_SWSUB
MON_L
MON_R
IC801
COLOUR DEMOD./ SYNC SEP.
SUB_C
SUB_VY
COLOUR DEMOD.
SYNC SEP.
H.DRIVE
V.DRIVE
S_Y
S_B_Y
S_R_Y
S_HD
S_VD
CVBS_out
Y/C
IC802
3LINE COMB FILTER
IC201
SYNC SEP./ SW/ DETECT
S_HD
S_VD
PC_HS
PC_VS
YUVSWH2
YUVSWV2
SYNC SEP.
DETECT
YUVSWY1
IC301
COMPONENT VIDEO/ AUDIO SELECT
CPY1/CPB1/CPR1
CPY3/CPB3/CPR3
PC_R/PC_G/PC_B
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
MAIN_L
MAIN_R
DIGITAL SIGNAL PWB
IC1001
A-D CONVERT/3D YC SEPARATE/COLOR DEMOD./SYNC SEP.
IC1502
MAIN SCREEN INPUT SW
MAIN_VYO
YUVSWY1
DEC_Y
MAIN_C
YUVSWPB1
YUVSWPR1
SYNC SEP.
A-D 10bit CONVERT
MULTIPLEX
A-D 8bit CONVERT
YC SEP. (3D/3L)
COLOR DEMOD.
ITU-R656 8bit FORMAT
3DHS
3DVS
3DY
3DRB
IC3004
IC3005
SYNC SW
IC3001
FORMAT CONVERT /MULTI-SCREEN /NATURAL CINEMA /DSD
A-D
YUVSWY2
YUVSWPB2
YUVSWPR2
IPHS
IPVS
IPY
IP PB
IP PR
DQ
ADRS
IC3501
IC3502
MEMORY
IC4003
FLASH MEMORY
IC4004
EEPROM
IC4001
GAMMA CORRECTION/ COLOR MANAGEMENT/ RGB PROCESS/ OSD COMPOSITION
GAMMA CORRECTION
COLOR MANAGEMENT
RGB PROCESS
OSD MIX
CPU
LVR
LVG
LVB
IC6502
LVDS FORMAT CONVERSION
0+/-
1+/-
2+/-
3+/-
PDP (PANEL)
OSDR
OSDG
OSDB
IC7002
CHASSIS MEMORY
SCL
SDA
IC7001
CHASSIS CPU
MI_RX
MI_TX
WAKE
IC7601
MAIN CPU
IC7602
MAIN MEMORY
POWER _LED
KEY1
KEY2
REMO
PLDR_UV
PLDG_Y
PLDB
DIN_HS
DIN_VS
HDMI DRIVER
RX0+/-
RX1+/-
RX2+/-
RXC+/-
DIGITAL-IN (VIDEO/AUDIO)
AUDIO D-A CONVERT
SDTI
PDP_RX
PDP_TX
IC805
PANEL MEMORY
IC807
PANEL CPU
INTERFACE PWB
IC8101
TEMP. SENSOR
TEMP. SENSOR PWB
FRONT LED PWB
D1744
IC1742
REMOTE SENSOR
FRONT CONTROL PWB

CIRCUIT DIAGRAMS

RECEIVER PWB CIRCUIT DIAGRAM SHEET 1


IC3601
AN5285K
Lin
LS1
Lout
VCC
Vref
GND
CTL
Rout
LS2
Rin
TU3001
GND
VIDEO_OUT
IF_OUT
BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
SCL
NC
RF_AGC
BT
SW2
SW1
BM
L3002
NQL79GM-100X
Q3001
2SC3928A/QR/-X
BUFFER
SIF_GND
IC3101
M62320FP-X
ALC_SW
L3001
NQL79GM-220X
IC3651
HA17558AF-X
IC3502
IC3504
BA80BC0FP-X
L3505
L3506
NRSA02J-0R0X
D3501
IC3501
MULTI SOUND PROCESS/
AUDIO SELECT/
AUDIO CONTROL
CAPL_M
AHVSS
AGNDC
SC2_IN_L
SC2_IN_R
ASG1
SC1_IN_L
SC1_IN_R
VREFTOP
MONO_IN
AVSS
AHVSUP
SC1_OUT_L
SC1_OUT_R
VREF1
DACM_L
DACM_R
VREF2
RESETQ
DVSS
DVSUP
TP
SDA
SCL
ANA_IN+
ANA_IN-
TESTEN
XTAL_IN
XTAL_OUT
D_CTR_OUT1
D_CTR_OUT0
ADR_SEL
STANBY
Q3503
UN2213-X
MSP_RESET
LC3501
NQR0431-001X
L3504
NQL79GM-4R7X
K3502
NQR0389-003X
K3501
NQR0389-003X
L3503
NRSA02J-0R0X
X3501
18.432MHz
QAX0773-001Z
DIG_GND
L3507
NRSA02J-0R0X
Q3502
2SC3928A/QR/-X
BUFFER
Q3501
AMP
Y3501
Y3502
SIF_GND
GND
CNF00A
QGA2001C2-03V
32V
NC
CNF00T
QGF0508F1-40X
GND
TV_V1
TV_L1
TV_R1
AFT1
LIPL
9V
LIPR
BS_A9V
TU_ATT
AGC
MSP_RST
SDA3A
SCL3A
SDA3B
SCL3B
AFT2
SUBWOUT
TV_L2
TV_R2
5V
P_SENS
BS_A5V
D3104
D3103
D3004
D3003
OPEN
IC3701
CB1

ANALOG SIGNAL
PWB ASS'Y(1/5)
CN00A (SHEET2)

ANALOG SIGNAL
PWB ASS'Y(1/5)
CN00T (SHEET2)

RECEIVER PWB ASS'Y
LCA10476-03E (SFP-0F303A)

*DIFFERENCE LIST

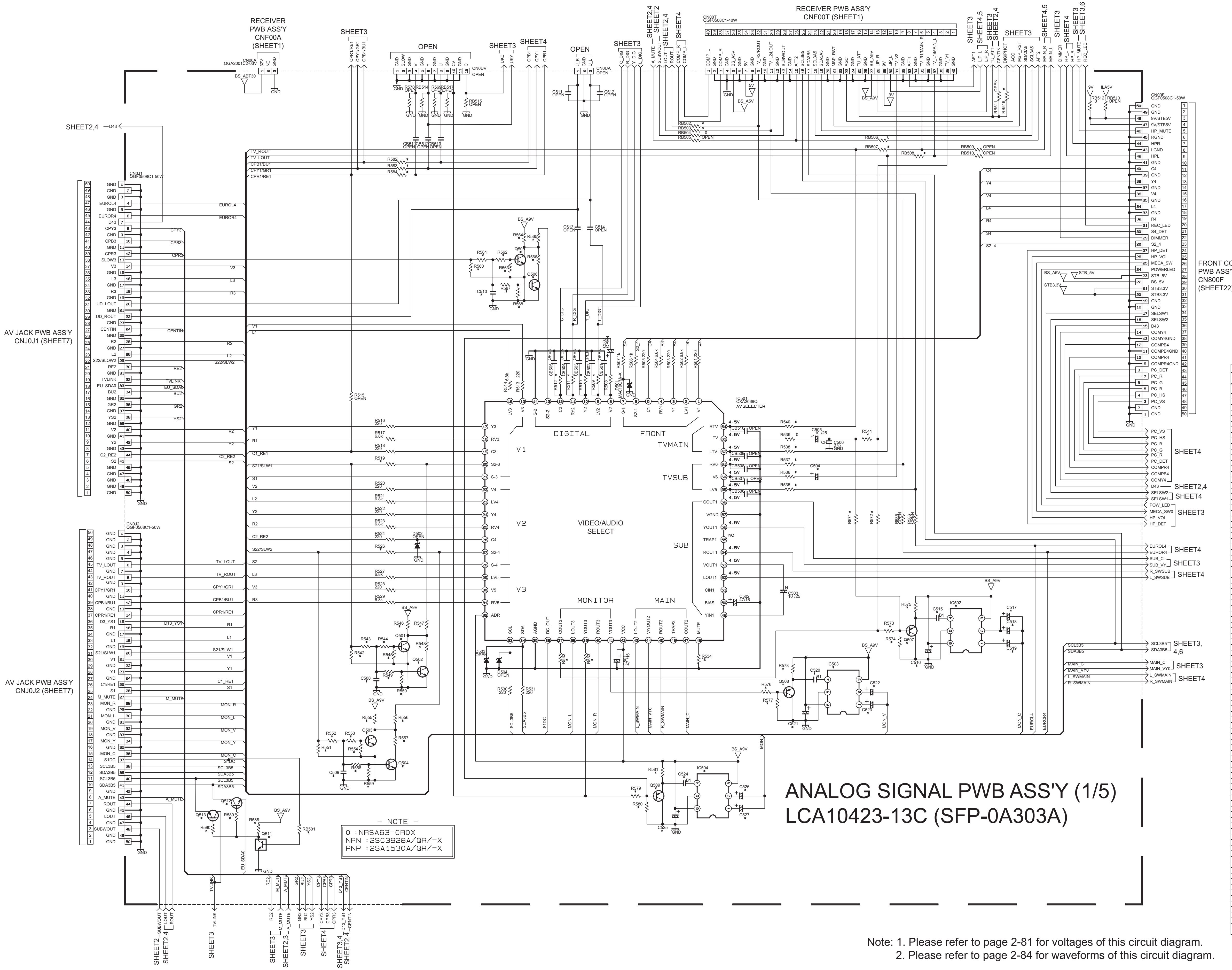
MODEL	PD-Z35DV4A (etc)	PD-Z42DV4CA	PD-Z42DX4A (etc)	PD-Z42DX4CA	LT-Z26SX4BA (etc)	LT-Z32SX4BA (etc)
ASSY NO.	SFP-0F301A	SFP-0F302A	SFP-0F303A	SFP-0F304A	SFL-0F301A	SFL-0F302A
	OLLC05843	OLLC05843 -02	OLLC05843 -03	OLLC05843 -04	OLLC07205	OLLC07205 -02
IC3501	MSP3415D QGB3GHX	MSP3415D QGB3GHX	MSP3415G QGB8V3M	MSP3415G QGB8V3M	MSP3415G QGB8V3M	MSP3415G QGB8V3M
IC3701	OPEN	OPEN	TPS852-W	TPS852-W	OPEN	OPEN
R3701	OPEN	OPEN	100k	100k	OPEN	OPEN
C3701	OPEN	OPEN	*5	*5	OPEN	OPEN
C3702	OPEN	OPEN	0.1/16	0.1/16	OPEN	OPEN
C3703	OPEN	OPEN	*5	*5	OPEN	OPEN
TU3001	QAU0366 -001	QAU0366 -002	QAU0366 -001	QAU0366 -002	QAU0390 -001	QAU0390 -002
C3519	1/16	1/16	1/16	1/16	OPEN	OPEN
C3520	0.001	0.001	0.001	0.001	OPEN	OPEN
C3521	1/16	1/16	1/16	1/16	OPEN	OPEN
C3522	0.001	0.001	0.001	0.001	OPEN	OPEN
C3540	0.018	0.018	0.018	0.018	OPEN	OPEN
C3541	0.068/16	0.068/16	0.068/16	0.068/16	OPEN	OPEN
C3542	47/16	47/16	47/16	47/16	OPEN	OPEN
C3543	47/16	47/16	47/16	47/16	OPEN	OPEN
C3548	*5	*5	*5	*5	OPEN	OPEN
D3501	MA8100/M /-X	MA8100/M /-X	MA8100/M /-X	MA8100/M /-X	OPEN	OPEN
IC3502	HA17558 AF-X	HA17558 AF-X	HA17558 AF-X	HA17558 AF-X	OPEN	OPEN
L3505	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN
R3518	10K	10K	10K	10K	OPEN	OPEN
R3519	10K	10K	10K	10K	OPEN	OPEN
R3520	100	100	100	100	OPEN	OPEN
R3521	100	100	100	100	OPEN	OPEN
R3522	OPEN	OPEN	OPEN	OPEN	0	0
R3523	OPEN	OPEN	OPEN	OPEN	0	0
R3540	15K	15K	15K	15K	OPEN	OPEN
R3541	10K	10K	10K	10K	OPEN	OPEN
R3542	10K	10K	10K	10K	OPEN	OPEN
R3543	15K	15K	15K	15K	OPEN	OPEN
R3544	4.7K	4.7K	4.7K	4.7K	OPEN	OPEN
R3545	4.7K	4.7K	4.7K	4.7K	OPEN	OPEN

- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC2412K/QR/-X
*2 : 2SA1037AK/QR/-X
*3 : DTC323TK-X
*4 : DTC144EKA-X
*5 : NCB11AK-106X

c10279001_1102_1/1_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 2

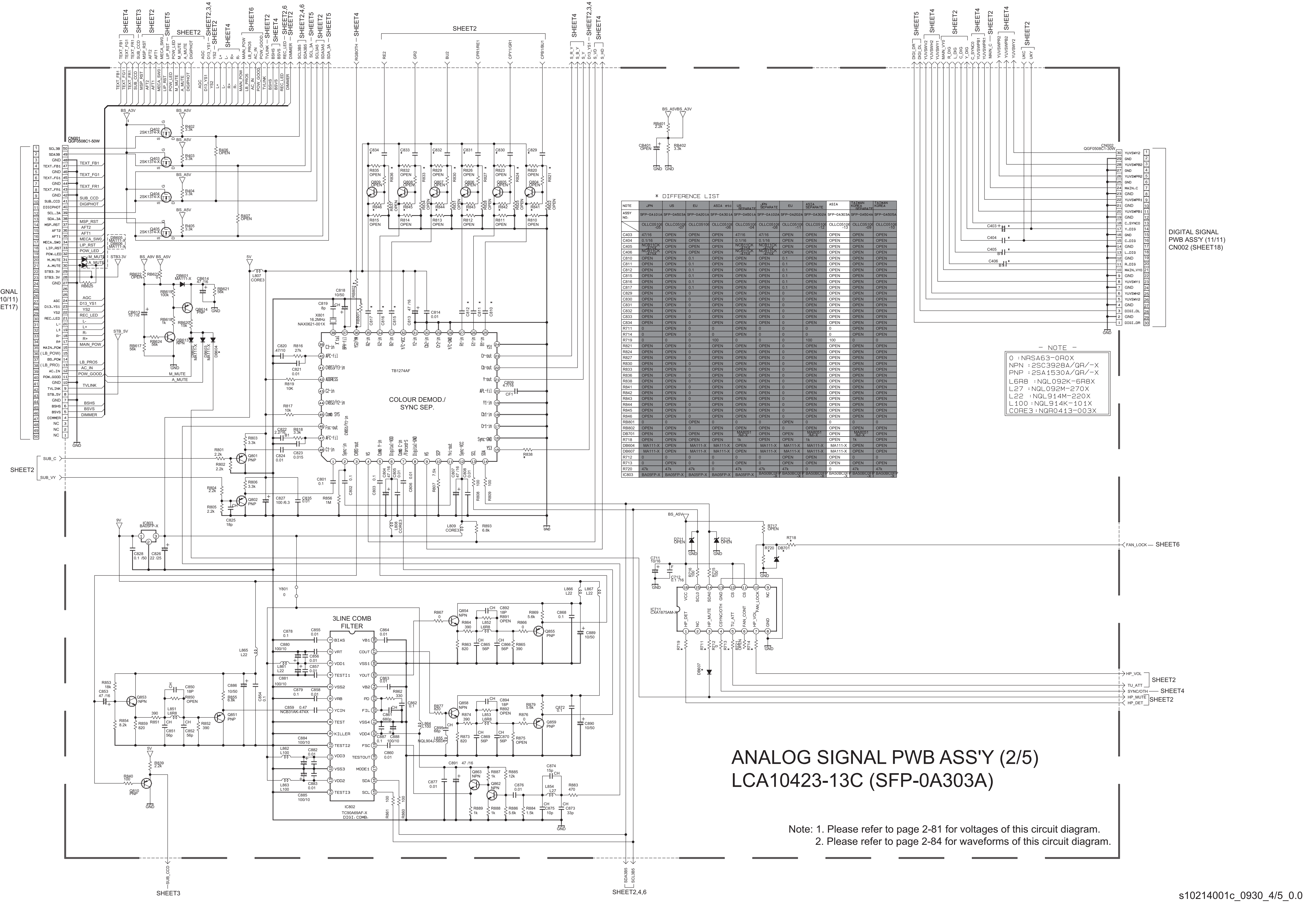

RECEIVER PWB ASS'Y CNF00A (SHEET1)
RECEIVER PWB ASS'Y CNF00T (SHEET1)
AV JACK PWB ASS'Y CNJ0J1 (SHEET7)
AV JACK PWB ASS'Y CNJ0J2 (SHEET7)
FRONT CONTROL PWB ASS'Y CN800F (SHEET22)
IC501 CXA2069Q AV SELECTER
VIDEO/AUDIO SELECT
DIGITAL
FRONT
TVMAIN
TVSUB
SUB
MONITOR
MAIN
V1
V2
V3
IC502
IC503
IC504
SHEET2,4
SHEET3
SHEET4
SHEET3, 4,6
- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
ANALOG SIGNAL PWB ASS'Y (1/5)
LCA10423-13C (SFP-0A303A)

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
C504	10/50	OPEN	OPEN	OPEN	OPEN	10/50	OPEN	OPEN	OPEN	OPEN	OPEN
C508	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C509	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C510	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C515	1/16	OPEN	1/16	OPEN	1/16	1/16	1/16	OPEN	OPEN	OPEN	OPEN
C516	10/16	OPEN	10/16	OPEN	10/16	10/16	10/16	OPEN	OPEN	OPEN	OPEN
C517	100/10	OPEN	100/10	OPEN	100/10	100/10	100/10	OPEN	OPEN	OPEN	OPEN
C518	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C519	10/50	OPEN	10/50	OPEN	10/50	10/50	10/50	OPEN	OPEN	OPEN	OPEN
C520	1/16	OPEN	1/16	1/16	1/16	1/16	1/16	1/16	1/16	OPEN	OPEN
C521	10/16	OPEN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	OPEN	OPEN
C522	100/10	OPEN	100/10	100/10	100/10	100/10	100/10	100/10	100/10	OPEN	OPEN
C523	10/16	OPEN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	OPEN	OPEN
C524	1/16	OPEN	OPEN	OPEN	1/16	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C525	10/16	OPEN	OPEN	OPEN	10/16	10/16	OPEN	OPEN	OPEN	OPEN	OPEN
C526	100/10	OPEN	OPEN	OPEN	100/10	100/10	OPEN	OPEN	OPEN	OPEN	OPEN
C527	10/16	OPEN	OPEN	OPEN	10/16	10/16	OPEN	OPEN	OPEN	OPEN	OPEN
IC502	MM1510XN-X	OPEN	MM1510XN-X	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN
IC503	MM1510XN-X	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN
IC504	MM1510XN-X	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN
Q501	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q502	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q503	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q504	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q505	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q506	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q507	PNP	OPEN	PNP	OPEN	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN
Q508	PNP	OPEN	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN
Q509	PNP	OPEN	PNP	OPEN	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN
Q511	OPEN	OPEN	UN2213-X	OPEN	OPEN	OPEN	UN2213-X	OPEN	OPEN	OPEN	OPEN
Q512	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q513	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
R508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R509	6.8k	OPEN	OPEN	OPEN	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN	OPEN
R510	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN
R511	6.8k	OPEN	OPEN	OPEN	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN	OPEN
R512	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN
R519	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R526	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R532	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	0	OPEN
R533	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	0	OPEN
R535	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	OPEN
R536	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
R537	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	OPEN
R541	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R542	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R543	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R544	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R545	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R546	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R547	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R548	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R549	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R550	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R551	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R552	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R553	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R554	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R555	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R556	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R557	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R558	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R559	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R560	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R561	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R562	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R563	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R564	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R565	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R566	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R567	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R568	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R571	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R572	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R573	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R574	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R575	5.6k	OPEN	5.6k	OPEN	5.6k	5.6k	5.6k	OPEN	OPEN	OPEN	OPEN
R576	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R577	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R578	5.6k	OPEN	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	OPEN	OPEN
R579	2.2k	OPEN	OPEN	OPEN	2.2k	2.2k	OPEN	OPEN	OPEN	OPEN	OPEN
R580	2.2k	OPEN	OPEN	OPEN	2.2k	2.2k	OPEN	OPEN	OPEN	OPEN	OPEN
R581	5.6k	OPEN	OPEN	OPEN	5.6k	5.6k	OPEN	OPEN	OPEN	OPEN	OPEN
R582	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R583	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R584	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R588	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R589	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R590	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
RB502	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
RB503	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
RB507	0	OPEN	0	0	0	0	0	0	0	0	OPEN
RB508	0	OPEN	0	0	0	0	0	0	0	0	OPEN
RB501	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R538	6.8k	18k	18k	18k	6.8k	6.8k	18k	18k	18k	6.8k	18k
R540	6.8k	18k	18k	18k	6.8k	6.8k	18k	18k	18k	6.8k	18k
RB516	OPEN	0	OPEN	OPEN	0	OPEN	0	0	0	0	0

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 3


SHEET2
SHEET3
SHEET4
SHEET5
SHEET6
SHEET2,3,4
SHEET2,4,6
DIGITAL SIGNAL PWB ASS'Y (10/11) CN001 (SHEET17)
DIGITAL SIGNAL PWB ASS'Y (11/11) CN002 (SHEET18)
CN001 QGF0508C1-50W
CN002 QGF0508C1-30W
TB1274AF
COLOUR DEMOD./ SYNC SEP.
3LINE COMB FILTER
IC802 TC90A69AF-X DIGI.COMB.
IC711 CXA1875AM-X
IC803 BA05FP-X
X801 16.2MHz NAX0621-001X
BS_A5V
BS_A3V
STB3.3V
STB_5V
9V
5V
GND
SUB_C
SUB_VY
SUB_CCD
FAN_LOCK
HP_VOL
TU_ATT
SYNC/OTH
HP_MUTE
HP_DET
SDA3B5
SCL3B5

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04	OLLC05106 -08	OLLC05106 -11	OLLC05106 -12	OLLC05106 -13	OLLC05106 -09	OLLC05106 -10
C403	47/16	OPEN	OPEN	OPEN	47/16	47/16	OPEN	OPEN	OPEN	OPEN	OPEN
C404	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C405	NCB11CK -475X	OPEN	OPEN	OPEN	NCB11CK -475X	NCB11CK -475X	OPEN	OPEN	OPEN	OPEN	OPEN
C406	NCB11CK -475X	OPEN	OPEN	OPEN	NCB11CK -475X	NCB11CK -475X	OPEN	OPEN	OPEN	OPEN	OPEN
C810	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C811	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C812	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C815	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C816	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C817	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C829	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C830	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C831	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C832	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C833	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C834	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R711	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R714	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R719	0	0	0	100	0	0	0	100	100	0	0
R821	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R824	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R827	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R830	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R833	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R836	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R838	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R841	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R842	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R843	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R844	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R845	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R846	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
RB801	0	0	OPEN	0	0	0	OPEN	0	0	0	0
RB802	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
DB701	OPEN	OPEN	OPEN	OPEN	MA8051 /M/-X	OPEN	OPEN	MA8051 /M/-X	OPEN	MA8051 /M/-X	OPEN
R718	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	1k	OPEN
DB604	MA111-X	OPEN	MA111-X	MA111-X	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
DB607	MA111-X	OPEN	MA111-X	MA111-X	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
R712	0	0	0	0	0	0	OPEN	OPEN	OPEN	0	0
R713	0	OPEN	0	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
R720	47k	47k	47k	0	47k	47k	47k	0	0	47k	47k
IC803	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X

- NOTE -

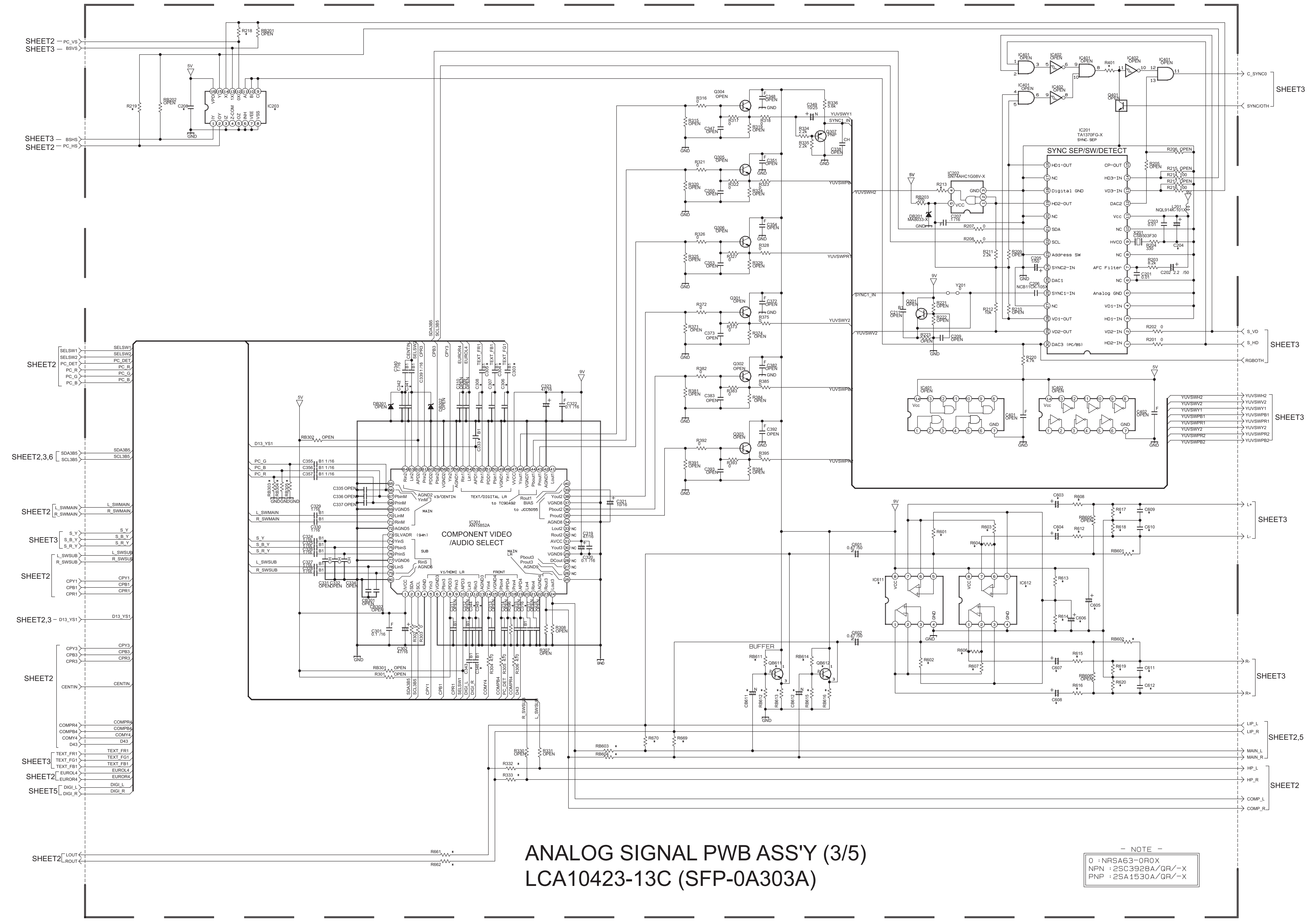
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
L6R8 :NQL092K-6R8X
L27 :NQL092M-270X
L22 :NQL914M-220X
L100 :NQL914K-101X
CORE3 :NQR0413-003X

ANALOG SIGNAL PWB ASS'Y (2/5)
LCA10423-13C (SFP-0A303A)

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10214001c_0930_4/5_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/5) SHEET 4



ANALOG SIGNAL PWB ASS'Y (3/5)
LCA10423-13C (SFP-0A303A)

- NOTE -
O :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

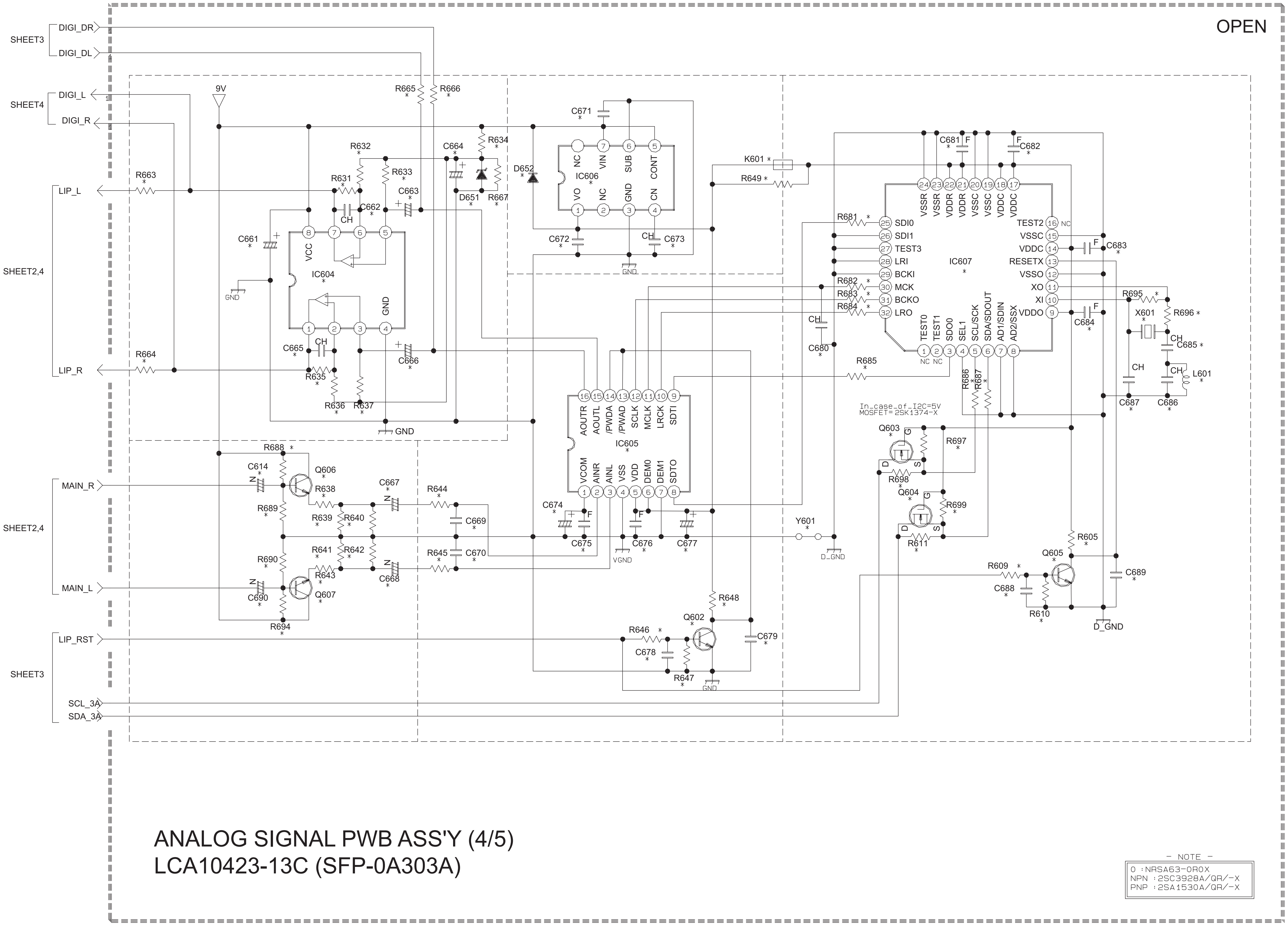
* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
C208	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	OPEN
C303	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C304	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C305	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C306	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C307	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C308	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C316	1/16	OPEN	OPEN	OPEN	OPEN	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C333	1/16	OPEN	OPEN	OPEN	OPEN	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C343	OPEN	1/16	OPEN	OPEN	1/16	OPEN	1/16	1/16	1/16	1/16	1/16
C344	0.01	OPEN	0.01	0.01	OPEN	0.01	OPEN	OPEN	OPEN	OPEN	OPEN
C345	0.01	OPEN	0.01	0.01	OPEN	0.01	OPEN	OPEN	OPEN	OPEN	OPEN
C346	OPEN	1/16	OPEN	OPEN	1/16	OPEN	1/16	1/16	1/16	1/16	1/16
IC203	CD74HC4053PW-X	OPEN	OPEN	OPEN	CD74HC4053PW-X	CD74HC4053PW-X	OPEN	OPEN	OPEN	CD74HC4053PW-X	OPEN
R218	OPEN	0	0	0	OPEN	OPEN	0	0	0	OPEN	0
R219	OPEN	0	0	0	OPEN	OPEN	0	0	0	OPEN	0
R332	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R333	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R661	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R662	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R669	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	0	OPEN
R670	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	0	OPEN
RB601	0	0	0	0	OPEN	OPEN	0	OPEN	0	OPEN	0
RB602	0	0	0	0	OPEN	OPEN	0	OPEN	0	OPEN	0
IC611	OPEN	OPEN	OPEN	OPEN	BA4558F-X	RC4558D-X	OPEN	BA4558F-X	OPEN	BA4558F-X	OPEN
IC612	OPEN	OPEN	OPEN	OPEN	RC4558D-X	RC4558D-X	OPEN	RC4558D-X	OPEN	RC4558D-X	OPEN
R601	OPEN	OPEN	OPEN	OPEN	10k	10k	OPEN	10k	OPEN	10k	OPEN
R602	OPEN	OPEN	OPEN	OPEN	10k	10k	OPEN	10k	OPEN	10k	OPEN
R603	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R604	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R606	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R607	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R608	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R612	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R613	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R614	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R615	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R616	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R617	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R618	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R619	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R620	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
C603	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C604	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C605	OPEN	OPEN	OPEN	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN
C606	OPEN	OPEN	OPEN	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN
C607	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C608	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C609	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C610	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C611	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C612	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB603	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
RB604	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
RB611	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB612	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB613	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN
RB614	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB615	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB616	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN
CB611	OPEN	OPEN	OPEN	10/25	OPEN	OPEN	OPEN	OPEN	10/25	OPEN	OPEN
CB612	OPEN	OPEN	OPEN	10/25	OPEN	OPEN	OPEN	OPEN	10/25	OPEN	OPEN
QB611	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN
QB612	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN
C204	NEZ0022-157X	NEZ0022-157X	NEH71AM-107X	NEH71AM-107X	NEZ0022-157X	NEZ0022-157X	NEH71AM-107X	NEH71AM-107X	NEH71AM-107X	NEZ0022-157X	NEZ0022-157X
R213	0	0	22	22	0	0	22	22	22	0	0
C341	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	.0047/50
C342	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	.0047/50
R396	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0
RB303	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
RB304	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
RB305	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
R401	OPEN	OPEN	OPEN	OPEN	150	OPEN	OPEN	OPEN	OPEN	150	OPEN

s10214001c_0930_1/5_0.0

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (4/5) SHEET 5


OPEN
SHEET3
DIGI_DR
DIGI_DL
SHEET4
DIGI_L
DIGI_R
SHEET2,4
LIP_L
LIP_R
MAIN_R
MAIN_L
LIP_RST
SCL_3A
SDA_3A
9V
GND
D_GND
VGND
R663
R664
R665
R666
R632
R631
R633
R634
R667
C664
C662
C663
C661
C665
C666
CH
D651
D652
IC604
VCC
R635
R636
R637
C671
IC606
NC
VIN
SUB
CONT
VO
CN
C672
C673
K601
R649
IC607
VSSR
VDDR
VSSC
VDDC
SDI0
SDI1
TEST3
LRI
BCKI
MCK
BCKO
LRO
TEST2
VSSC
VDDC
RESETX
VSSO
XO
XI
VDDO
TEST0
TEST1
SDO0
SEL1
SCL/SCK
SDA/SDOUT
AD1/SDIN
AD2/SSX
C681
C682
C683
C684
C685
C686
C687
C680
R681
R682
R683
R684
R685
R686
R687
R695
R696
X601
L601
F
IC605
AOUTR
AOUTL
/PWDA
/PWAD
SCLK
MCLK
LRCK
SDTI
VCOM
AINR
AINL
VSS
VDD
DEM0
DEM1
SDTO
C674
C675
C676
C677
Y601
In_case_of_I2C=5V
MOSFET=2SK1374-X
Q603
Q604
R697
R698
R699
R611
R605
Q605
R609
R610
C688
C689
R688
Q606
C614
R638
R689
R639
R640
C667
R644
C669
R641
R642
R643
C668
R645
C670
R690
Q607
C690
R694
R648
Q602
R646
C678
R647
C679
D
G
S
NC

ANALOG SIGNAL PWB ASS'Y (4/5)
LCA10423-13C (SFP-0A303A)

– NOTE –
0 : NRSA63-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X

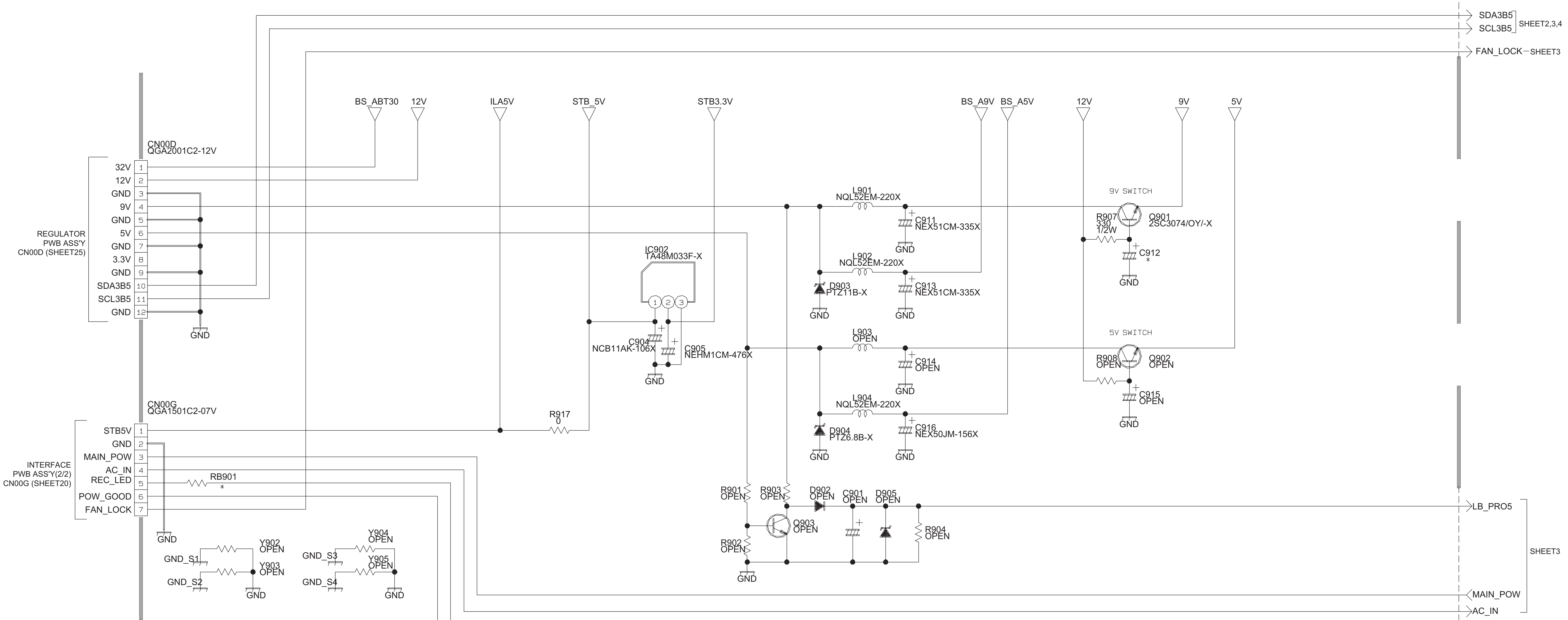
* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
R631	OPEN	4.7k	10k	OPEN	4.7k	OPEN	10k	OPEN	OPEN	4.7k	4.7k
R632	OPEN	6.8k	2.2k	OPEN	6.8k	OPEN	2.2k	OPEN	OPEN	6.8k	6.8k
R633	OPEN	100k	100k	OPEN	100k	OPEN	100k	OPEN	OPEN	100k	100k
R634	OPEN	10k	5.6k	OPEN	10k	OPEN	5.6k	OPEN	OPEN	10k	10k
R635	OPEN	4.7k	10k	OPEN	4.7k	OPEN	10k	OPEN	OPEN	4.7k	4.7k
R636	OPEN	6.8k	2.2k	OPEN	6.8k	OPEN	2.2k	OPEN	OPEN	6.8k	6.8k
R637	OPEN	100k	100k	OPEN	100k	OPEN	100k	OPEN	OPEN	100k	100k
R638	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	OPEN
R639	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R640	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R641	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R642	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R643	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	OPEN
R644	OPEN	OPEN	470	OPEN	OPEN	OPEN	470	OPEN	OPEN	OPEN	OPEN
R645	OPEN	OPEN	470	OPEN	OPEN	OPEN	470	OPEN	OPEN	OPEN	OPEN
R646	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R647	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R648	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R681	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R682	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R683	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R684	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R685	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R686	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	OPEN
R687	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	OPEN
R688	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R689	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R690	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R694	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R695	OPEN	OPEN	1M	OPEN	OPEN	OPEN	1M	OPEN	OPEN	OPEN	OPEN
R696	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R697	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R698	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R699	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R605	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R609	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R610	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R611	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R649	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C661	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN	OPEN	47/16	47/16
C662	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C663	OPEN	10/16	1/50	OPEN	10/16	OPEN	1/50	OPEN	OPEN	10/16	10/16
C664	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN	OPEN	47/16	47/16
C665	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C666	OPEN	10/16	1/50	OPEN	10/16	OPEN	1/50	OPEN	OPEN	10/16	10/16
C667	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C668	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C669	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C670	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C671	OPEN	OPEN	NCB11EK-105X	OPEN	OPEN	OPEN	NCB11EK-105X	OPEN	OPEN	OPEN	OPEN
C672	OPEN	OPEN	NCB11CK-225X	OPEN	OPEN	OPEN	NCB11CK-225X	OPEN	OPEN	OPEN	OPEN
C673	OPEN	OPEN	470p	OPEN	OPEN	OPEN	470p	OPEN	OPEN	OPEN	OPEN
C674	OPEN	OPEN	4.7/25	OPEN	OPEN	OPEN	4.7/25	OPEN	OPEN	OPEN	OPEN
C675	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C676	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C677	OPEN	OPEN	10/16	OPEN	OPEN	OPEN	10/16	OPEN	OPEN	OPEN	OPEN
C678	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C679	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C680	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C681	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C682	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C683	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C684	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C685	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C686	OPEN	OPEN	12p	OPEN	OPEN	OPEN	12p	OPEN	OPEN	OPEN	OPEN
C687	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C688	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C689	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C690	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C614	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
D651	OPEN	OPEN	MA8047/L/-X	OPEN	OPEN	OPEN	MA8047/L/-X	OPEN	OPEN	OPEN	OPEN
D652	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	OPEN
Q602	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q603	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q604	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q605	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q606	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q607	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
K601	OPEN	OPEN	NQR0413-002X	OPEN	OPEN	OPEN	NQR0413-002X	OPEN	OPEN	OPEN	OPEN
L601	OPEN	OPEN	NQL092K-2R2X	OPEN	OPEN	OPEN	NQL092K-2R2X	OPEN	OPEN	OPEN	OPEN
X601	OPEN	OPEN	NAX0634-001X	OPEN	OPEN	OPEN	NAX0634-001X	OPEN	OPEN	OPEN	OPEN
Y601	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
IC604	OPEN	RC4558D-X	RC4558D-X	OPEN	RC4558D-X	OPEN	RC4558D-X	OPEN	OPEN	RC4558D-X	RC4558D-X
IC605	OPEN	OPEN	AK4550VT-X	OPEN	OPEN	OPEN	AK4550VT-X	OPEN	OPEN	OPEN	OPEN
IC606	OPEN	OPEN	MM1562FF-X	OPEN	OPEN	OPEN	MM1562FF-X	OPEN	OPEN	OPEN	OPEN
IC607	OPEN	OPEN	NJU26103FR1	OPEN	OPEN	OPEN	NJU26103FR1	OPEN	OPEN	OPEN	OPEN
R663	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R664	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R665	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
R666	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
R667	OPEN	10k	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	10k

s10214001c_0930_3/5_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (5/5) SHEET 6

ANALOG SIGNAL PWB ASS'Y (5/5)
LCA10423-13C (SFP-0A303A)



SDA3B5
SCL3B5
SHEET2,3,4
FAN_LOCK
SHEET3
BS_ABT30
12V
ILA5V
STB_5V
STB3.3V
BS_A9V
BS_A5V
12V
9V
5V
CN00D
QGA2001C2-12V
32V
12V
GND
9V
GND
5V
GND
3.3V
GND
SDA3B5
SCL3B5
GND
REGULATOR
PWB ASS'Y
CN00D (SHEET25)
GND
IC902
TA48M033F-X
C904
NCB11AK-106X
C905
NEHM1CM-476X
GND
L901
NQL52EM-220X
C911
NEX51CM-335X
GND
L902
NQL52EM-220X
D903
PTZ11B-X
C913
NEX51CM-335X
GND
GND
9V SWITCH
R907
330
1/2W
Q901
2SC3074/OY/-X
C912
*
GND
5V SWITCH
R908
OPEN
Q902
OPEN
C915
OPEN
GND
L903
OPEN
C914
OPEN
GND
L904
NQL52EM-220X
D904
PTZ6.8B-X
C916
NEX50JM-156X
GND
GND
CN00G
QGA1501C2-07V
STB5V
GND
MAIN_POW
AC_IN
REC_LED
POW_GOOD
FAN_LOCK
INTERFACE
PWB ASS'Y(2/2)
CN00G (SHEET20)
R917
0
RB901
*
GND
GND_S1
GND_S2
Y902
OPEN
Y903
OPEN
GND
GND_S3
GND_S4
Y904
OPEN
Y905
OPEN
GND
R901
OPEN
R902
OPEN
R903
OPEN
Q903
OPEN
D902
OPEN
C901
OPEN
D905
OPEN
R904
OPEN
GND
LB_PRO5
SHEET3
MAIN_POW
AC_IN
REC_LED
SHEET2,3
POW_GOOD
SHEET3

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04	OLLC05106 -08	OLLC05106 -11	OLLC05106 -12	OLLC05106 -13	OLLC05106 -09	OLLC05106 -10
RB901	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
C912	NEHL1CM -107X	47/16	47/16	47/16	47/16	NEHL1CM -107X	47/16	47/16	47/16	47/16	47/16

- NOTE -

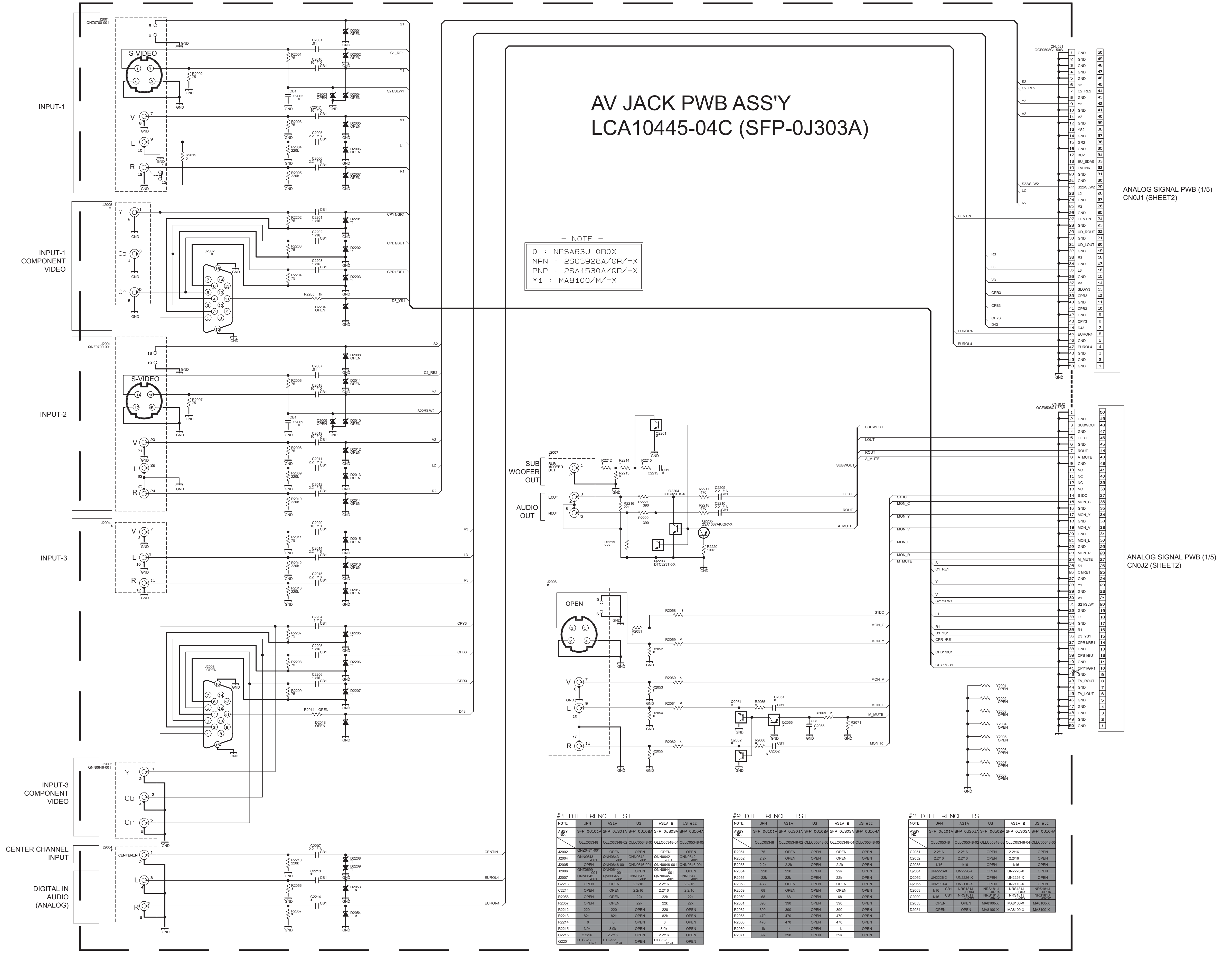
0 :NRSA63-0R0X

*1 :NQR0415-005X

Note: Please refer to page 2-81 for voltages of this circuit diagram.

s10214001c_0930_5/5_0.0

AV JACK PWB CIRCUIT DIAGRAM SHEET 7


AV JACK PWB ASS'Y
LCA10445-04C (SFP-0J303A)
- NOTE -
O : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : MA8100/M/-X
INPUT-1
S-VIDEO
INPUT-1 COMPONENT VIDEO
INPUT-2
INPUT-3
INPUT-3 COMPONENT VIDEO
CENTER CHANNEL INPUT
DIGITAL IN AUDIO (ANALOG)
SUB WOOFER OUT
AUDIO OUT
OPEN
ANALOG SIGNAL PWB (1/5) CN0J1 (SHEET2)
ANALOG SIGNAL PWB (1/5) CN0J2 (SHEET2)
J2001
J2002
J2003
J2004
J2005
J2006
J2007
J2008
CN0J1
CN0J2

#1 DIFFERENCE LIST

NOTE	JPN	ASIA	US	ASIA 2	US etc
ASSY NO.	SFP-0J101A	SFP-0J301A	SFP-0J502A	SFP-0J303A	SFP-0J504A
	OLLC05348	OLLC05348-02	OLLC05348-03	OLLC05348-04	OLLC05348-05
J2002	QNZ0471-001	OPEN	OPEN	OPEN	OPEN
J2004	QNN0643 -001	QNN0643 -001	QNN0642 -001	QNN0642 -001	QNN0642 -001
J2005	OPEN	QNN0646-001	QNN0646-001	QNN0646-001	QNN0646-001
J2006	QNZ0699 -001	QNN0644 -001	OPEN	QNN0644 -001	OPEN
J2007	QNN0645 -001	QNN0645 -001	QNN0647 -001	QNN0645 -001	QNN0647 -001
C2213	OPEN	OPEN	2.2/16	2.2/16	2.2/16
C2214	OPEN	OPEN	2.2/16	2.2/16	2.2/16
R2056	OPEN	OPEN	22k	22k	22k
R2057	OPEN	OPEN	22k	22k	22k
R2212	220	220	OPEN	220	OPEN
R2213	82k	82k	OPEN	82k	OPEN
R2214	0	0	OPEN	0	OPEN
R2215	3.9k	3.9k	OPEN	3.9k	OPEN
C2215	2.2/16	2.2/16	OPEN	2.2/16	OPEN
Q2201	DTC323 TK-X	DTC323 TK-X	OPEN	DTC323 TK-X	OPEN

#2 DIFFERENCE LIST

NOTE	JPN	ASIA	US	ASIA 2	US etc
ASSY NO.	SFP-0J101A	SFP-0J301A	SFP-0J502A	SFP-0J303A	SFP-0J504A
	OLLC05348	OLLC05348-02	OLLC05348-03	OLLC05348-04	OLLC05348-05
R2051	75	OPEN	OPEN	OPEN	OPEN
R2052	2.2k	OPEN	OPEN	OPEN	OPEN
R2053	2.2k	2.2k	OPEN	2.2k	OPEN
R2054	22k	22k	OPEN	22k	OPEN
R2055	22k	22k	OPEN	22k	OPEN
R2058	4.7k	OPEN	OPEN	OPEN	OPEN
R2059	68	OPEN	OPEN	OPEN	OPEN
R2060	68	68	OPEN	68	OPEN
R2061	390	390	OPEN	390	OPEN
R2062	390	390	OPEN	390	OPEN
R2065	470	470	OPEN	470	OPEN
R2066	470	470	OPEN	470	OPEN
R2069	1k	1k	OPEN	1k	OPEN
R2071	39k	39k	OPEN	39k	OPEN

#3 DIFFERENCE LIST

NOTE	JPN	ASIA	US	ASIA 2	US etc
ASSY NO.	SFP-0J101A	SFP-0J301A	SFP-0J502A	SFP-0J303A	SFP-0J504A
	OLLC05348	OLLC05348-02	OLLC05348-03	OLLC05348-04	OLLC05348-05
C2051	2.2/16	2.2/16	OPEN	2.2/16	OPEN
C2052	2.2/16	2.2/16	OPEN	2.2/16	OPEN
C2055	1/16	1/16	OPEN	1/16	OPEN
Q2051	UN2226-X	UN2226-X	OPEN	UN2226-X	OPEN
Q2052	UN2226-X	UN2226-X	OPEN	UN2226-X	OPEN
Q2055	UN2110-X	UN2110-X	OPEN	UN2110-X	OPEN
C2003	1/16 CB1	NRS181J -0R0X	NRS181J -0R0X	NRS181J -0R0X	NRS181J -0R0X
C2009	1/16 CB1	NRS181J -0R0X	NRS181J -0R0X	NRS181J -0R0X	NRS181J -0R0X
D2053	OPEN	OPEN	MA8100-X	MA8100-X	MA8100-X
D2054	OPEN	OPEN	MA8100-X	MA8100-X	MA8100-X

Note: Please refer to page 2-81 for voltages of this circuit diagram.

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/11) SHEET 8

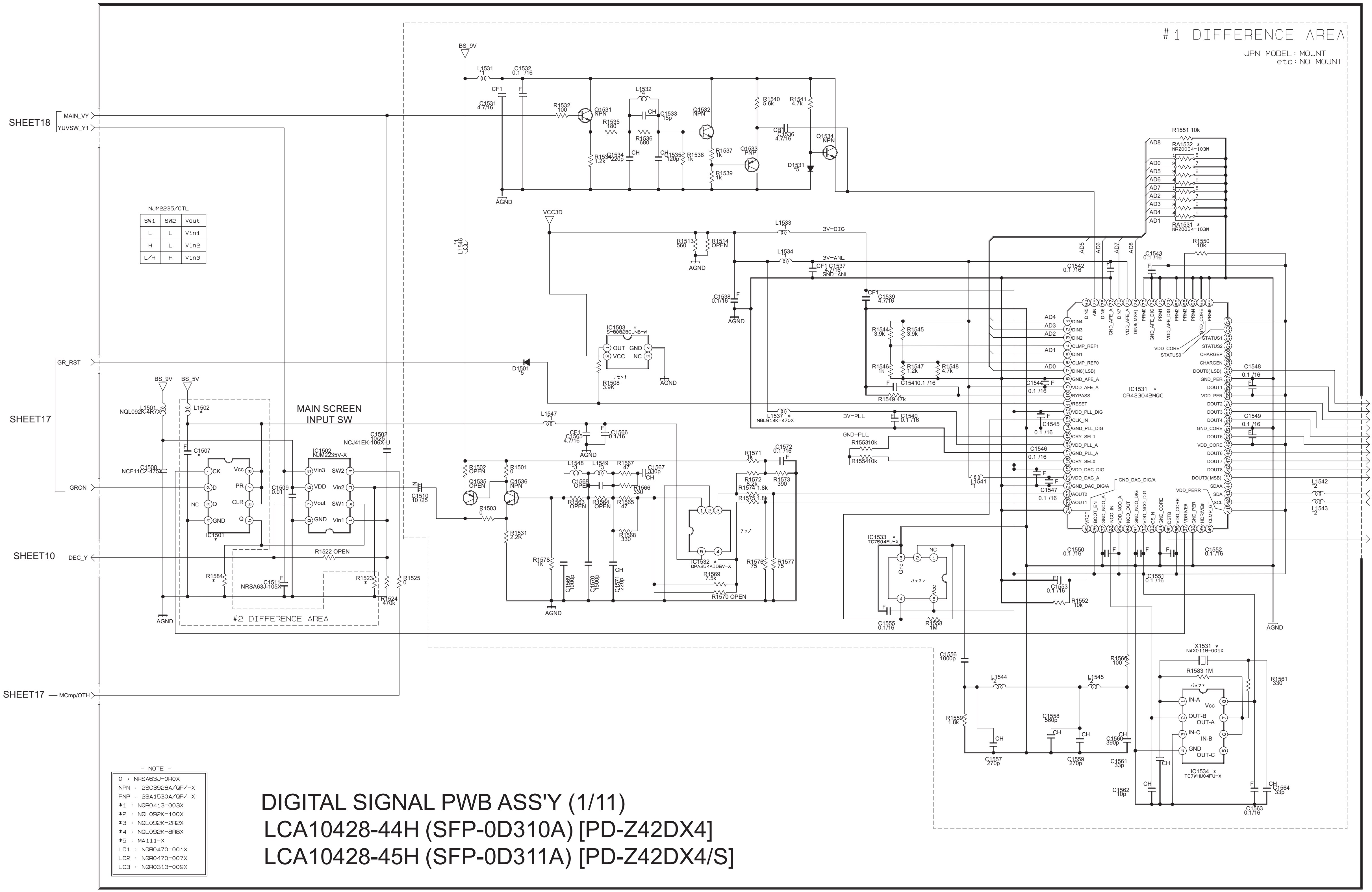
#2 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05356	OLLC05356 -02	OLLC05356 -39	OLLC05356 -03 (etc)	OLLC05356 -14 (etc)	OLLC05356 -32 (etc)	OLLC05356 -34 (etc)	OLLC05356 -06 (etc)	OLLC05356 -05 (etc)	OLLC05356 -29	OLLC05356 -30	OLLC05356 -08 (etc)	OLLC05356 -11 (etc)	OLLC05356 -41 (etc)	OLLC05356 -44 (etc)
L1502	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
C1507	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN
IC1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7W74F-X	TC7W74F-X	TC7W74F-X	TC7W74F-X	OPEN	OPEN	OPEN	OPEN
R1584	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0
R1523	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	1M	1M	1M	1M	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05356	OLLC05356 -02	OLLC05356 -39	OLLC05356 -03 (etc)	OLLC05356 -14 (etc)	OLLC05356 -32 (etc)	OLLC05356 -34 (etc)	OLLC05356 -06 (etc)	OLLC05356 -05 (etc)	OLLC05356 -29	OLLC05356 -30	OLLC05356 -08 (etc)	OLLC05356 -11 (etc)	OLLC05356 -41 (etc)	OLLC05356 -44 (etc)
X1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0118-001X	NAX0118-001X	NAX0118-001X	NAX0118-001X	OPEN	OPEN	OPEN	OPEN
RA1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	OPEN	OPEN	OPEN	OPEN
RA1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	OPEN	OPEN	OPEN	OPEN
R1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1513	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1554	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1568	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1573	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1574	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1575	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1576	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1577	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1578	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1583	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQL914K-470X	NQL914K-470X	NQL914K-470X	NQL914K-470X	OPEN	OPEN	OPEN	OPEN
L1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	S-80828CLNB-W	S-80828CLNB-W	S-80828CLNB-W	S-80828CLNB-W	OPEN	OPEN	OPEN	OPEN
IC1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OR43304BMQC	OR43304BMQC	OR43304BMQC	OR43304BMQC	OPEN	OPEN	OPEN	OPEN
IC1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPA354AIDBV-X	OPA354AIDBV-X	OPA354AIDBV-X	OPA354AIDBV-X	OPEN	OPEN	OPEN	OPEN
IC1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7S04FU-X	TC7S04FU-X	TC7S04FU-X	TC7S04FU-X	OPEN	OPEN	OPEN	OPEN
IC1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7WHU04FU-X	TC7WHU04FU-X	TC7WHU04FU-X	TC7WHU04FU-X	OPEN	OPEN	OPEN	OPEN
D1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
D1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1510	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1555	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1556	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1557	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1562	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1563	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1564	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1570	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN



NJM2235/CTL

SW1	SW2	Vout
L	L	Vin1
H	L	Vin2
L/H	H	Vin3

- NOTE -

0	NRSA63J-0R0X
NPN	2SC3928A/QR/-X
PNP	2SA1530A/QR/-X
*1	NQR0413-003X
*2	NQL092K-100X
*3	NQL092K-2R2X
*4	NQL092K-8R8X
*5	MA111-X
LC1	NQR0470-001X
LC2	NQR0470-007X
LC3	NQR0313-009X

DIGITAL SIGNAL PWB ASS'Y (1/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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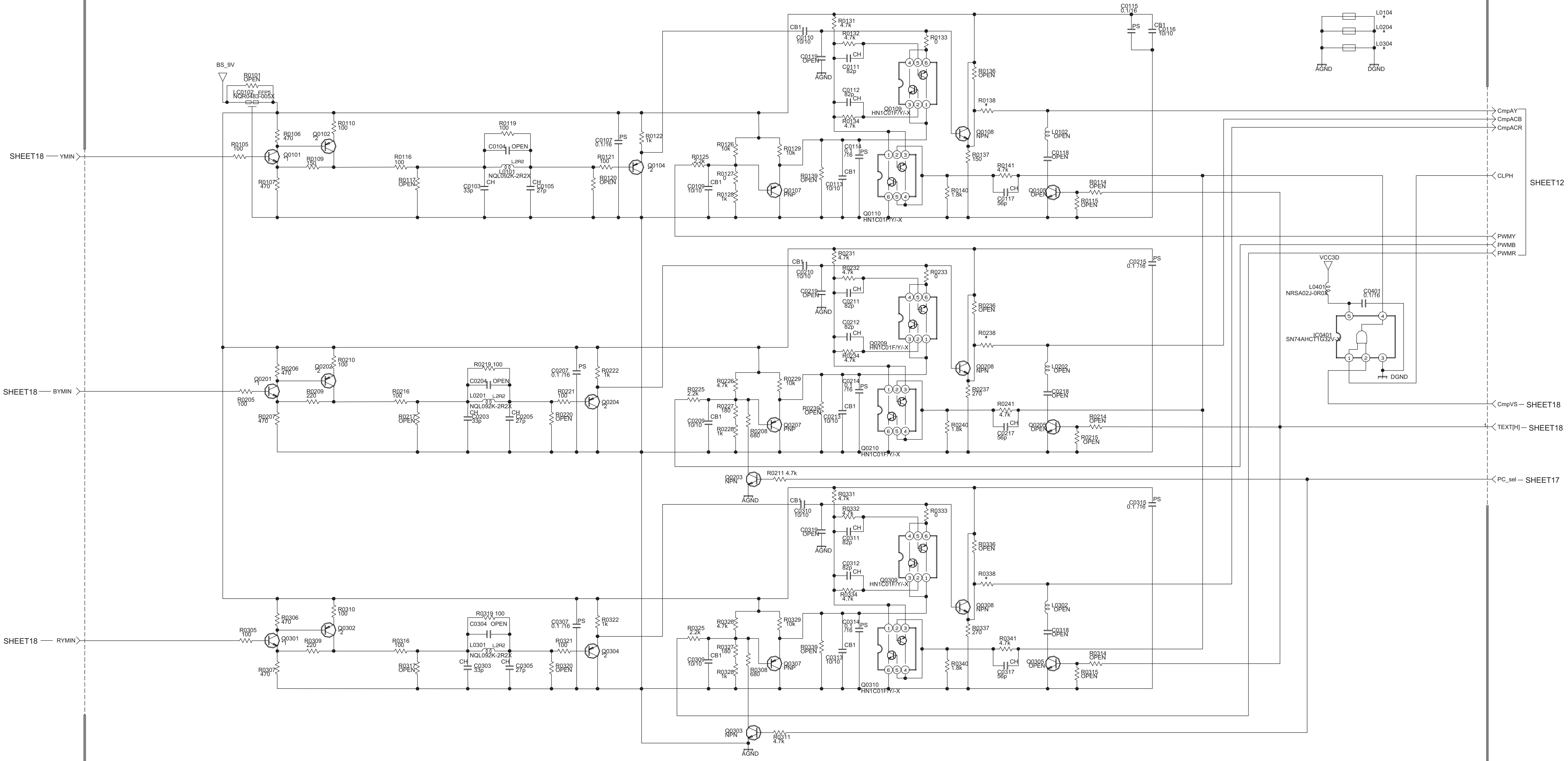
SHEET18 YMIN
SHEET18 BYMIN
SHEET18 RYMIN
BS_9V
SHEET12
CmpAY
CmpACB
CmpACR
CLPH
PWMY
PWMB
PWMR
CmpVS SHEET18
TEXT[H] SHEET18
PC_sel SHEET17
VCC3D
IC0401 SN74AHCT1G32V-X
L0401 NRSA02J-0R0X
L0104
L0204
L0304
AGND
DGND
Q0109 HN1C01F/Y/-X
Q0110 HN1C01F/Y/-X
Q0209 HN1C01F/Y/-X
Q0210 HN1C01F/Y/-X
Q0309 HN1C01F/Y/-X
Q0310 HN1C01F/Y/-X
L0102 NQR0483-005X
L0103 NQL092K-2R2X
L0201 NQL092K-2R2X
L0301 NQL092K-2R2X
Q0203 NPN
Q0303 NPN
R0211 4.7k
R0311 4.7k

DIGITAL SIGNAL PWB ASS'Y (2/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

#1 DIFFERENCE LIST (US-UNION MODEL/ etc)

NOTE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R0138	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0238	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0338	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
L0104	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L0204	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L0304	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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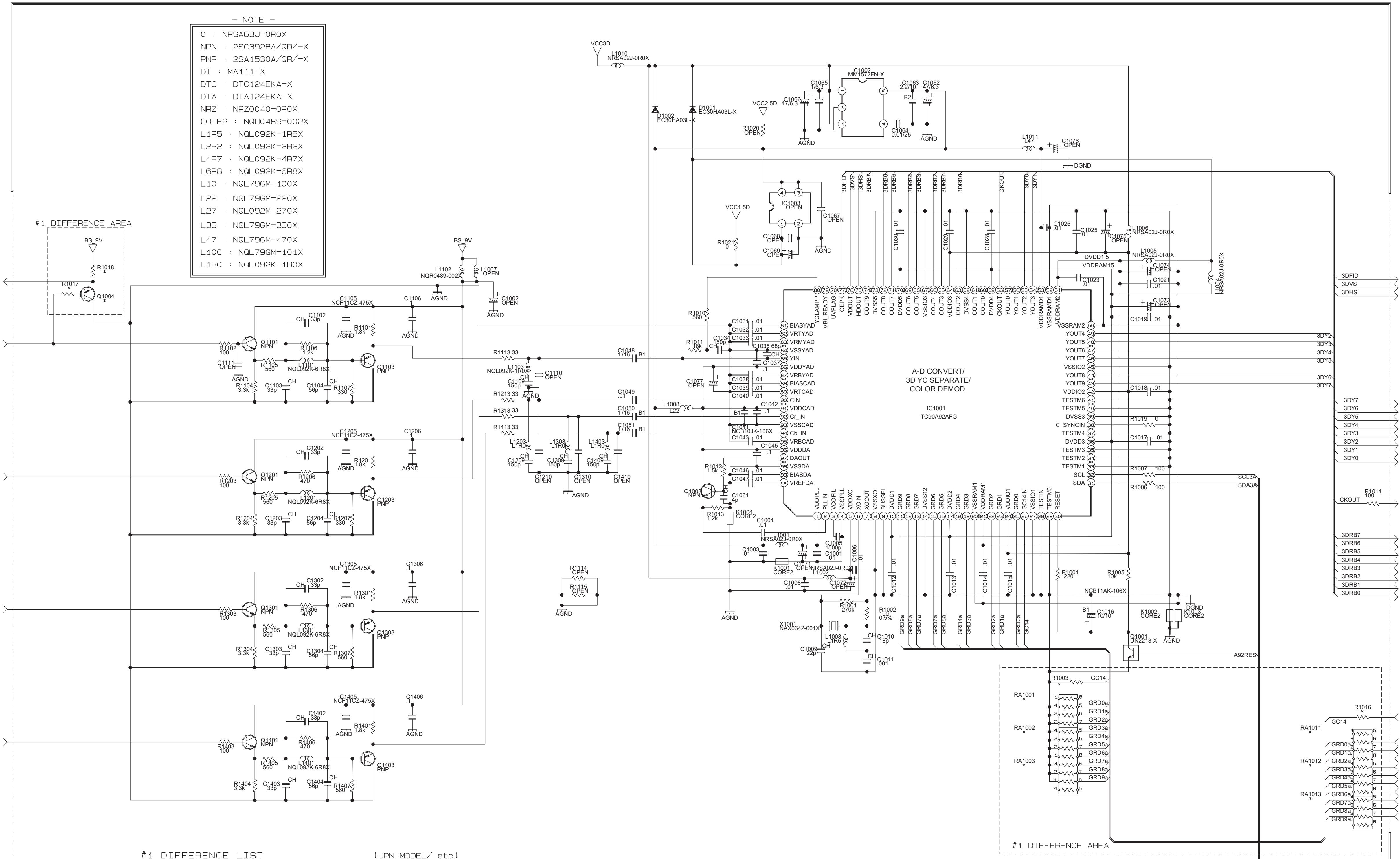
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (3/11) SHEET 10


- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
DI : MA111-X
DTC : DTC124EKA-X
DTA : DTA124EKA-X
NRZ : NRZ0040-0R0X
CORE2 : NQR0489-002X
L1R5 : NQL092K-1R5X
L2R2 : NQL092K-2R2X
L4R7 : NQL092K-4R7X
L6R8 : NQL092K-6R8X
L10 : NQL79GM-100X
L22 : NQL79GM-220X
L27 : NQL092M-270X
L33 : NQL79GM-330X
L47 : NQL79GM-470X
L100 : NQL79GM-101X
L1R0 : NQL092K-1R0X
#1 DIFFERENCE AREA
SHEET16,18
MAIN_CCD
SHEET8
DEC_Y
SHEET18
C_MAIN
DEC_RY
DEC_BY
BS_9V
R1017
R1018
Q1004
VCC3D
L1010
NRSA02J-0R0X
D1002
EC30HA03L-X
D1001
EC30HA03L-X
IC1002
MM1572FN-X
VCC2.5D
R1020
OPEN
VCC1.5D
IC1003
OPEN
L1102
NQR0489-002X
L1007
OPEN
C1002
OPEN
AGND
DGND
Q1101 NPN
Q1103 PNP
Q1201 NPN
Q1203 PNP
Q1301 NPN
Q1303 PNP
Q1401 NPN
Q1403 PNP
C1105
NCF11CZ-475X
C1205
C1305
C1405
NQL092K-6R8X
A-D CONVERT/
3D YC SEPARATE/
COLOR DEMOD.
IC1001
TC90A92AFG
YCLAMPP
VBI_READY
UVFLAG
OEPK
VDOUT
HDOUT
COUT9
DVSS5
COUT8
COUT7
DVDD5
COUT6
COUT5
VSSIO3
COUT4
COUT3
VDDIO3
COUT2
DVSS4
COUT1
COUT0
DVDD4
CKOUT
YOUT0
YOUT1
YOUT2
YOUT3
VDDRAMD1
VSSRAMD1
VDDRAM2
BIASYAD
VRTYAD
VRMYAD
VSSYAD
YIN
VDDYAD
VRBYAD
BIASCAD
VRTCAD
CIN
VDDCAD
Cr_IN
VSSCAD
Cb_IN
VRBCAD
VDDDA
DAOUT
VSSDA
BIASDA
VREFDA
VSSRAM2
YOUT4
YOUT5
YOUT6
YOUT7
VSSIO2
YOUT8
YOUT9
VDDIO2
TESTM6
TESTM5
DVSS3
C_SYNCIN
TESTM4
DVDD3
TESTM3
TESTM2
TESTM1
SCL
SDA
VDDPLL
PLLIN
VCOFIL
VSSPLL
VDDXO
XOIN
XOOUT
VSSXO
BUSSEL
DVDD1
GRD9
GRD8
GRD7
DVSS12
GRD6
GRD5
DVDD2
GRD4
GRD3
VSSRAM1
VDDRAM1
GRD2
GRD1
VDDIO1
GRD0
GC14IN
VSSIO1
TESTIN
TESTM0
RESET
DVDD1.5
VDDRAM15
X1001
NAX0642-001X
Q1001
UN2213-X
A92RES
NCB11AK-106X
3DFID
3DVS
3DHS
3DY7
3DY6
3DY5
3DY4
3DY3
3DY2
3DY1
3DY0
SHEET12
SCL3A
SDA3A
CKOUT
R1014
3DCK
3DRB7
3DRB6
3DRB5
3DRB4
3DRB3
3DRB2
3DRB1
3DRB0
RA1001
RA1002
RA1003
R1003
GC14
GRD0a
GRD1a
GRD2a
GRD3a
GRD4a
GRD5a
GRD6a
GRD7a
GRD8a
GRD9a
R1016
4FSC
RA1011
RA1012
RA1013
GRD0
GRD1
GRD2
GRD3
GRD4
GRD5
GRD6
GRD7
GRD8
GRD9
SHEET8
R1114
OPEN
R1115
OPEN

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RA1001	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
RA1002	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
RA1003	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
R1003	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
RA1011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
RA1012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
RA1013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
R1016	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R1017	100	100	100	100	100	100	100	OPEN	OPEN	OPEN	OPEN	100	100	100	100
R1018	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	3.3k	3.3k	3.3k
Q1004	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	PNP	PNP	PNP	PNP

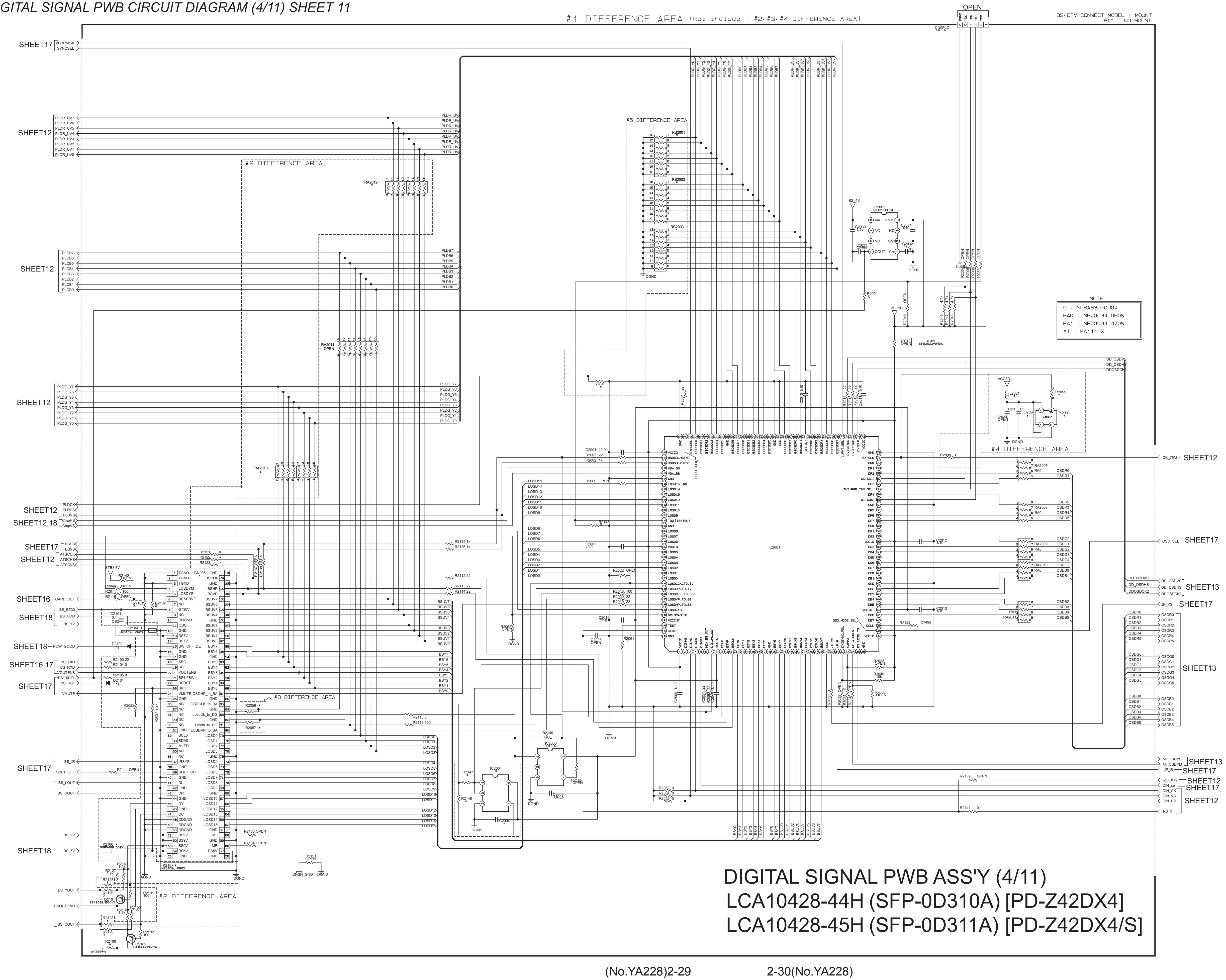
SHEET17
SCL3A
SDA3A
A92RES

DIGITAL SIGNAL PWB ASS'Y (3/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10213001c_0930_2/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET 11



DIGITAL SIGNAL PWB ASS'Y (4/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (BS, DTV CONNECT MODEL/ etc)

BS・DTV	-	-	-	-	-	-	-	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	-	-	-	-
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355-02	OLLC05355-39	OLLC05355-03 (etc)	OLLC05355-14 (etc)	OLLC05355-32 (etc)	OLLC05355-34 (etc)	OLLC05355-06 (etc)	OLLC05355-05 (etc)	OLLC05355-29	OLLC05355-30	OLLC05355-08 (etc)	OLLC05355-11 (etc)	OLLC05355-41 (etc)	OLLC05355-44 (etc)
R2112	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2114	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2118	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2119	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2127	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2132	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2135	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2136	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2141	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q2101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022/BC/-X	2SA1022/BC/-X	2SA1022/BC/-X	2SA1022/BC/-X	OPEN	OPEN	OPEN	OPEN
Q2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022/BC/-X	2SA1022/BC/-X	2SA1022/BC/-X	2SA1022/BC/-X	OPEN	OPEN	OPEN	OPEN
D2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2007	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2003	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN
R2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2018	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2019	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2020	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2024	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2045	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2046	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2047	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2048	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2049	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2051	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2052	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	JCC5062	JCC5062	JCC5062	JCC5062	OPEN	OPEN	OPEN	OPEN
C2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MM1593DF-X	MM1593DF-X	MM1593DF-X	MM1593DF-X	OPEN	OPEN	OPEN	OPEN
R2054	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2030	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2031	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2032	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2143	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2146	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2053	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2058	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2061	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2064	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2147	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2149	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2150	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (ATSC CONNECT MODEL/ etc)

ATSC	-	-	-	ATSC CONNECT	-	-	-	-	-	-	-	-	-	-	-
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355-02	OLLC05355-39	OLLC05355-03 (etc)	OLLC05355-14 (etc)	OLLC05355-32 (etc)	OLLC05355-34 (etc)	OLLC05355-06 (etc)	OLLC05355-05 (etc)	OLLC05355-29	OLLC05355-30	OLLC05355-08 (etc)	OLLC05355-11 (etc)	OLLC05355-41 (etc)	OLLC05355-44 (etc)
RA2012	OPEN	OPEN	OPEN	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA2013	OPEN	OPEN	OPEN	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2121	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2122	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2123	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2125	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2128	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

#3 DIFFERENCE LIST (ATSC or BS, DTV CONNECT MODEL/ etc)

ATSC /BS・DTV	-	-	-	ATSC CONNECT	-	-	-	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	-	-	-	-
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355-02	OLLC05355-39	OLLC05355-03 (etc)	OLLC05355-14 (etc)	OLLC05355-32 (etc)	OLLC05355-34 (etc)	OLLC05355-06 (etc)	OLLC05355-05 (etc)	OLLC05355-29	OLLC05355-30	OLLC05355-08 (etc)	OLLC05355-11 (etc)	OLLC05355-41 (etc)	OLLC05355-44 (etc)
CN005	OPEN	OPEN	OPEN	QGB0603L1-B0	OPEN	OPEN	OPEN	QGB0603L1-B0	QGB0603L1-B0	QGB0603L1-B0	QGB0603L1-B0	OPEN	OPEN	OPEN	OPEN
R2056	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2057	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2106	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
K2106	OPEN	OPEN	OPEN	NQR0489-002X	OPEN	OPEN	OPEN	NQR0489-002X	NQR0489-002X	NQR0489-002X	NQR0489-002X	OPEN	OPEN	OPEN	OPEN
D2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2102	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2103	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2104	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2105	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2027	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2028	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

#4 DIFFERENCE LIST (VGA-BS, DTV CONNECT MODEL/ XGA-BS, DTV CONNECT MODEL/ etc)

BS・DTV	-	-	-	-	-	-	-	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	-	-	-	-
NOTE	VGA	VGA	XGA	XGA	VGA	XGA	XGA	VGA	VGA	XGA	XGA	VGA	VGA	XGA	XGA
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355-02	OLLC05355-39	OLLC05355-03 (etc)	OLLC05355-14 (etc)	OLLC05355-32 (etc)	OLLC05355-34 (etc)	OLLC05355-06 (etc)	OLLC05355-05 (etc)	OLLC05355-29	OLLC05355-30	OLLC05355-08 (etc)	OLLC05355-11 (etc)	OLLC05355-41 (etc)	OLLC05355-44 (etc)
X2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0637-001X	NAX0637-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2055	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C2035	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16 CF	0.1/16 CF	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
L2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	OPEN	OPEN	OPEN	OPEN
IC2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	SN74LVC1G08K-X	SN74LVC1G08K-X	OPEN	OPEN	OPEN	OPEN
R2147	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2148	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	OPEN	OPEN	OPEN
C2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16 CF	0.1/16 CF	OPEN	OPEN	OPEN	OPEN

#5 DIFFERENCE LIST (DIGITAL IN MODEL/ etc)

NOTE	-	-	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	-	-	DEGITAL IN MODEL	DEGITAL IN MODEL
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D105A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355-02	OLLC05355-39	OLLC05355-03 (etc)	OLLC05355-14 (etc)	OLLC05355-32 (etc)	OLLC05355-34 (etc)	OLLC05355-06 (etc)	OLLC05355-05 (etc)	OLLC05355-29	OLLC05355-30	OLLC05355-08 (etc)	OLLC05355-11 (etc)	OLLC05355-41 (etc)	OLLC05355-44 (etc)
RB2001	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN
RB2002	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN
RB2003	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN
R2010	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	OPEN	OPEN
K2104	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X
K2107	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X

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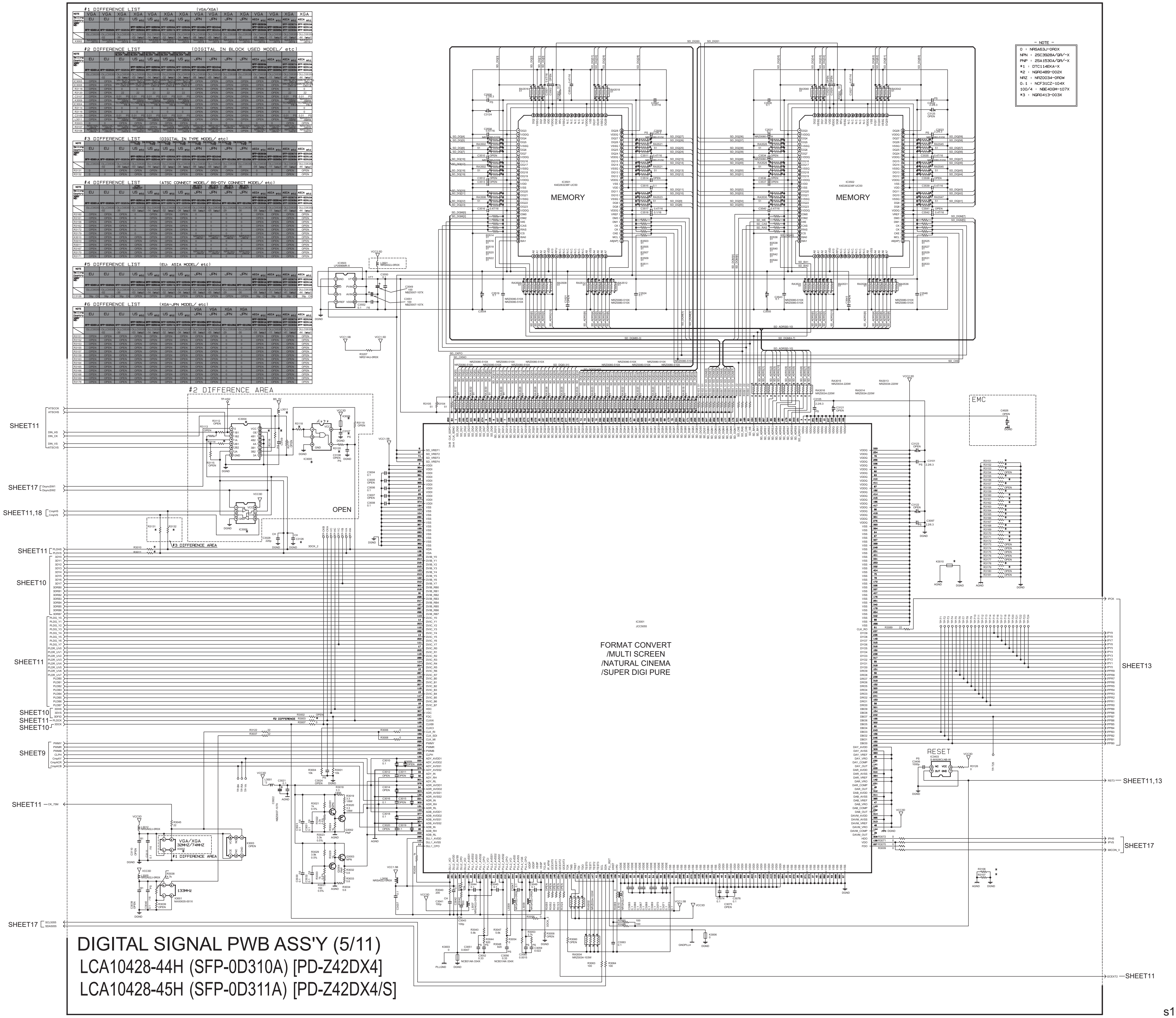
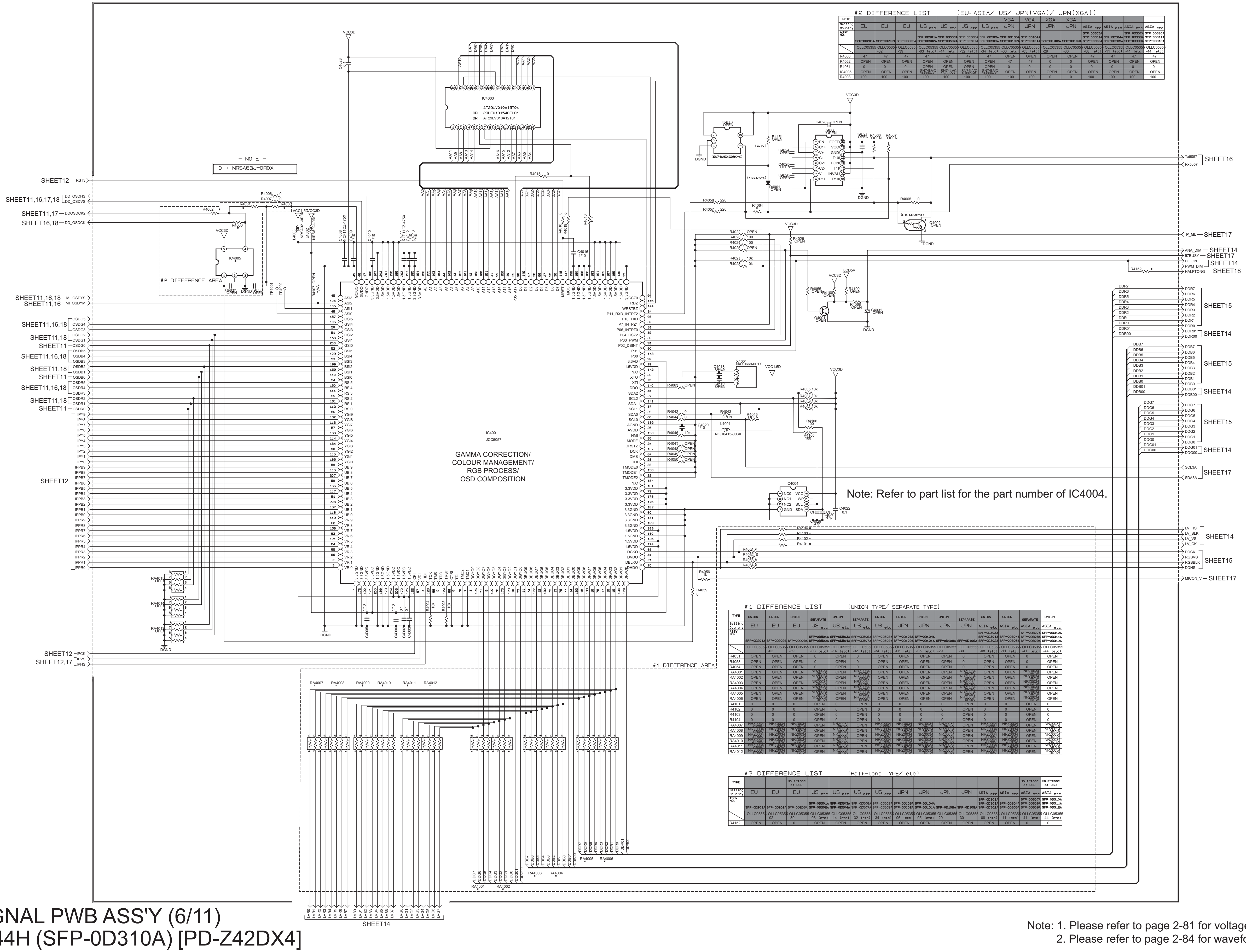
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) SHEET 12


#1 DIFFERENCE LIST
#2 DIFFERENCE LIST
#3 DIFFERENCE LIST
#4 DIFFERENCE LIST
#5 DIFFERENCE LIST
#6 DIFFERENCE LIST
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : DTC114EKA-X
*2 : NQR0489-002X
NRZ : NRZ0034-0R0W
0.1 : NDF31CZ-104X
100/4 : NBE40GM-107X
*3 : NQR0413-003X
MEMORY
MEMORY
#2 DIFFERENCE AREA
OPEN
#3 DIFFERENCE AREA
EMC
FORMAT CONVERT
/MULTI SCREEN
/NATURAL CINEMA
/SUPER DIGI PURE
RESET
VGA/XGA
32MHZ/74MHZ
#1 DIFFERENCE AREA
133MHz
SHEET11
SHEET17
SHEET11,18
SHEET11
SHEET10
SHEET11
SHEET10
SHEET11
SHEET10
SHEET9
SHEET11
SHEET17
SHEET13
SHEET11,13
SHEET17
SHEET11
DIGITAL SIGNAL PWB ASS'Y (5/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

s10213001c_0930_3/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) SHEET 13



Note: Refer to part list for the part number of IC4004.

#2 DIFFERENCE LIST (EU, ASIA/ US/ JPN(VGA)/ JPN(XGA))

NOTE								VGA	VGA	XGA	XGA				
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4060	47	47	47	47	47	47	47	OPEN	OPEN	OPEN	OPEN	47	47	47	47
R4062	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47	0	0	OPEN	OPEN	OPEN	OPEN
R4061	0	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0	0	0	0	0
IC4005	OPEN	OPEN	OPEN	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R4008	100	100	100	100	100	100	100	100	100	0	0	100	100	100	100

#1 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4051	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R4053	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R4054	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
RA4001	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4002	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4003	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4004	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4005	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4006	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
R4101	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4102	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4103	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4104	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
RA4007	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4008	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4009	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4010	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4011	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4012	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W

#3 DIFFERENCE LIST (Half-tone TYPE/ etc)

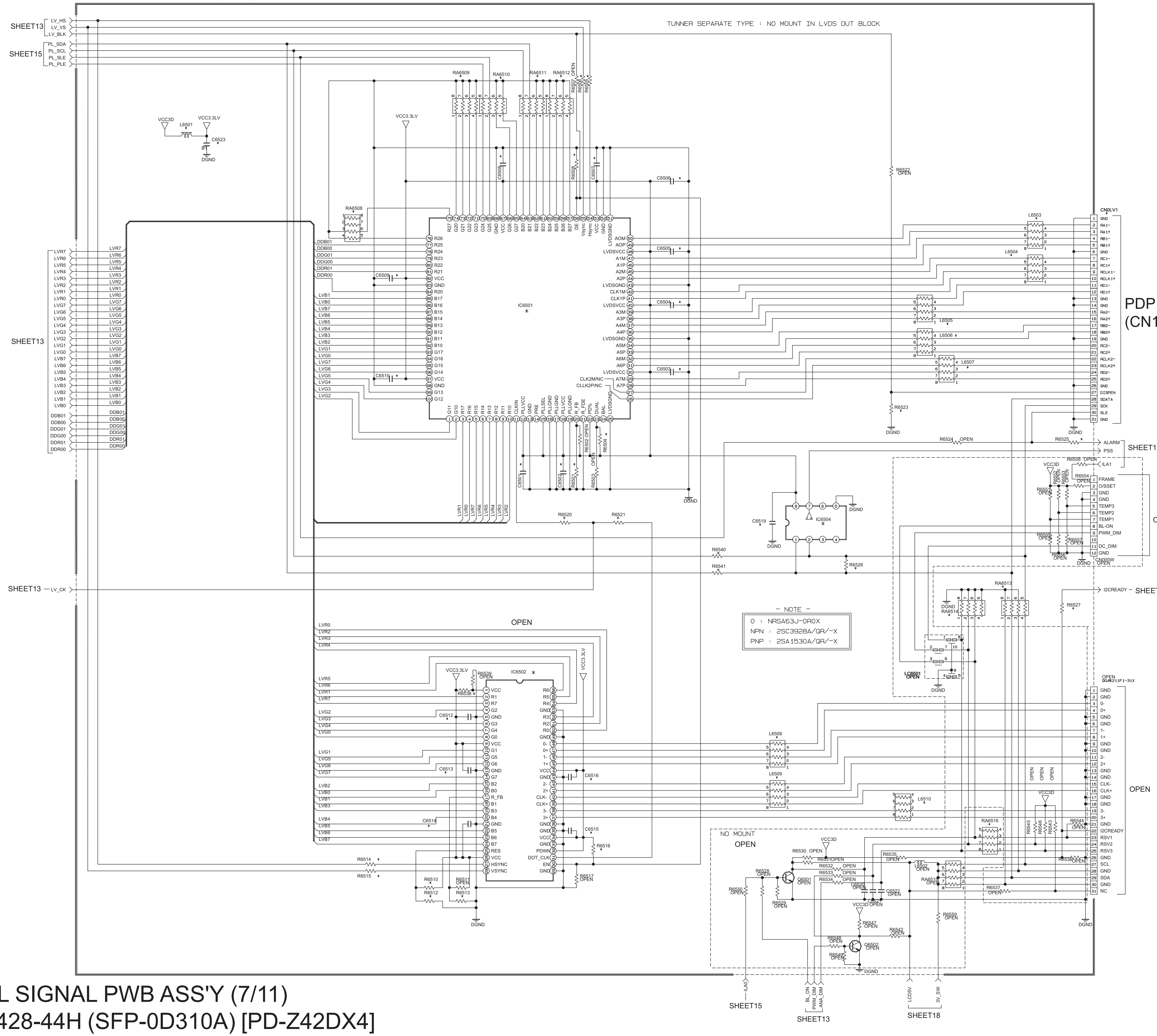
TYPE			Half-tone of OSD											Half-tone of OSD	Half-tone of OSD
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4152	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

DIGITAL SIGNAL PWB ASS'Y (6/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10213001c_0930_4/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 14


SHEET13
LV_HS
LV_VS
LV_BLK
SHEET15
PL_SDA
PL_SCL
PL_SLE
PL_PLE
TUNNER SEPARATE TYPE : NO MOUNT IN LVDS OUT BLOCK
VCC3D
VCC3.3LV
L6501
C6523
DGND
RA6508
RA6509
RA6510
RA6511
RA6512
IC6501
C6509
C6510
C6504
C6505
C6506
C6503
C6501
C6502
R6522 OPEN
R6523
L6503
L6504
L6505
L6506
L6507
CN0LV1
PDP UNIT (CN101)
GND
RA1-
RA1+
RB1-
RB1+
RC1-
RC1+
RCLK1-
RCLK1+
RD1-
RD1+
RA2-
RA2+
RB2-
RB2+
RC2-
RC2+
RCLK2-
RCLK2+
RD2-
RD2+
DISPEN
SDATA
SCK
SLE
R6524 OPEN
R6525
ALARM
PSS
SHEET15
R6558 OPEN
ILA1
R6554 OPEN
FRAME
O/SSET
TEMP3
TEMP2
TEMP1
BL-ON
PWM_DIM
DC_DIM
CN600W OPEN
OPEN
IC6504
C6519
R6520
R6521
R6540
R6541
R6526
SHEET13 — LV_CK
RA6513
RA6514
R6527
I2CREADY
SHEET15
LC6501 OPEN
- NOTE -
O : NRSA63J-0R0X
NPN : 2SC392BA/QR/-X
PNP : 2SA1530A/QR/-X
OPEN
IC6502
R6539 OPEN
R6538
C6512
C6513
C6514
C6515
C6516
R6516
R6517 OPEN
R6514
R6515
R6510
R6511 OPEN
R6512
R6513
L6508
L6509
L6510
OPEN QGA1211F1-31X
CLK-
CLK+
I2CREADY
RSV1
RSV2
RSV3
SCL
SDA
NC
RA6516
NO MOUNT
OPEN
R6530 OPEN
R6531 OPEN
R6532 OPEN
R6533 OPEN
R6534 OPEN
R6535 OPEN
R6536 OPEN
R6537 OPEN
R6528 OPEN
R6529 OPEN
R6550 OPEN
Q6501 OPEN
Q6502 OPEN
C6521 OPEN
C6522 OPEN
R6547 OPEN
R6542 OPEN
R6549 OPEN
R6548 OPEN
R6555 OPEN
SHEET15
ILA0
SHEET13
BL_ON
PWM_DIM
ANA_DIM
SHEET18
LCD5V
3V_SW

* DIFFERENCE LIST (SEPARATE TYPE NEC PANEL etc PANEL

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
SCREEN SIZE	(etc PANEL) 42V	(NEC PANEL) 35V	(NEC PANEL) 42V	42/50V	(etc PANEL) 42V	50V	(NEC PANEL) 42V	(NEC PANEL) 35/42V	(etc PANEL) 42V	(NEC PANEL) 42V	50V	(etc PANEL) 42V	(NEC PANEL) 35V	50V	(NEC PANEL) 42V
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN0LV1	OPEN	QGA1211F2-31X	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	QGA1211F2-31X	OPEN	QGA1211F2-31X	OPEN	OPEN	QGA1211F2-31X	OPEN	QGA1211F2-31X
IC6501	OPEN	DS90C387-VJD	DS90C387-VJD	OPEN	OPEN	OPEN	DS90C387-VJD	DS90C387-VJD	OPEN	DS90C387-VJD	OPEN	OPEN	DS90C387-VJD	OPEN	DS90C387-VJD
IC6504	OPEN	DS90LV018ATM-X	DS90LV018ATM-X	OPEN	OPEN	OPEN	DS90LV018ATM-X	DS90LV018ATM-X	OPEN	DS90LV018ATM-X	OPEN	OPEN	DS90LV018ATM-X	OPEN	DS90LV018ATM-X
L6503	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6504	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6505	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6506	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6507	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
C6501	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6502	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6503	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6504	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6505	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6506	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6507	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6508	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6509	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6510	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6519	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
R6501	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6504	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6505	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6506	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6508	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0
R6520	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0
R6523	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6525	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6526	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
RA6508	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6509	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6510	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6511	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6512	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
CN0LV2	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	OPEN
IC6502	THC63LVDM83R-W	OPEN	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	OPEN
L6508	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
L6509	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
L6510	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
C6512	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6513	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6514	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6515	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6516	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
R6510	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	OPEN	OPEN
R6512	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	OPEN	OPEN
R6513	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6514	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6515	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6516	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6521	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6527	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6538	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
RA6513	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
RA6514	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
RA6516	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
R6540	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6541	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
L6501	NQR0351-001X	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X	OPEN	NQR0351-001X	NQR0351-001X	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X
C6523	10/10 B1	10/10 B1	10/10 B1	OPEN	10/10 B1	OPEN	10/10 B1	10/10 B1	10/10 B1	10/10 B1	OPEN	10/10 B1	10/10 B1	OPEN	10/10 B1

NEC PANEL: MOUNT (RA6512 and above)
etc PANEL: MOUNT (CN0LV2 to R6541)
UNION TYPE: MOUNT (L6501, C6523)

DIGITAL SIGNAL PWB ASS'Y (7/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

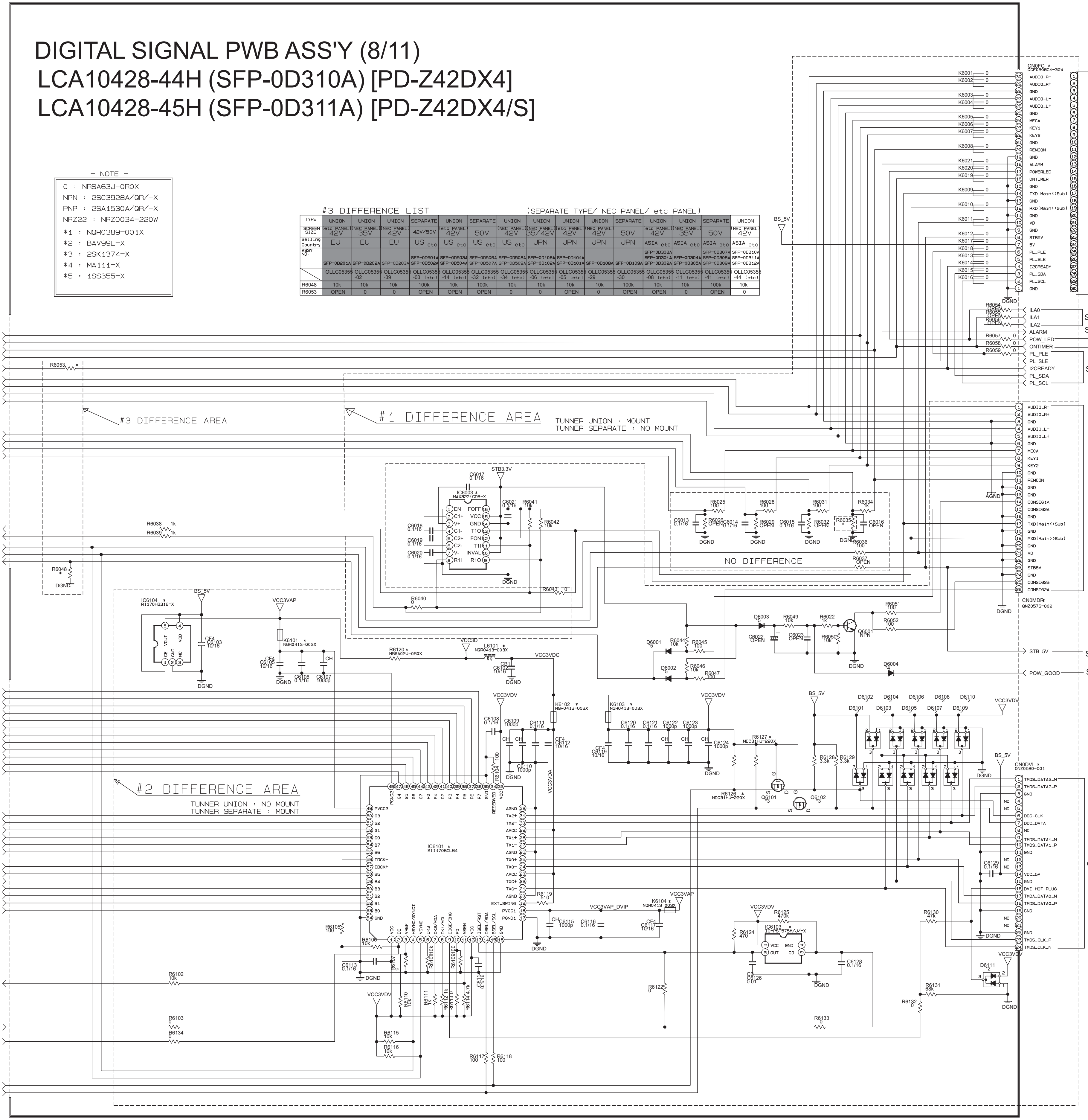
DIGITAL SIGNAL PWB ASS'Y (8/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NRZ22 : NRZ0034-220W
*1 : NQR0389-001X
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X

#3 DIFFERENCE LIST (SEPARATE TYPE/ NEC PANEL/ etc PANEL)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
SCREEN SIZE	(etc PANEL) 42V	(NEC PANEL) 35V	(NEC PANEL) 42V	42V/50V	(etc PANEL) 42V	50V	(NEC PANEL) 42V	(NEC PANEL) 35/42V	(etc PANEL) 42V	(NEC PANEL) 42V	50V	(etc PANEL) 42V	(NEC PANEL) 35V	50V	(NEC PANEL) 42V
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R6048	10k	10k	10k	100k	10k	100k	10k	10k	10k	10k	100k	10k	10k	100k	10k
R6053	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0



#1 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN0FC	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W
K6001	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6002	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6003	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6004	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6005	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6006	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6007	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6008	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6009	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6010	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6011	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6012	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6013	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6014	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6015	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6016	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6017	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6018	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6019	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6020	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6021	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6057	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6058	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6059	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6040	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6043	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0

#2 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R6102	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6103	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6104	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6105	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6106	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6107	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6108	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6109	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6110	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6111	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
R6112	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
R6113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6114	OPEN	OPEN	OPEN	4.7k	OPEN	4.7k	OPEN	OPEN	OPEN	OPEN	4.7k	OPEN	OPEN	4.7k	OPEN
R6115	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6116	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6117	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6118	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6119	OPEN	OPEN	OPEN	510	OPEN	510	OPEN	OPEN	OPEN	OPEN	510	OPEN	OPEN	510	OPEN
R6120	OPEN	OPEN	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	OPEN
R6122	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6124	OPEN	OPEN	OPEN	470	OPEN	470	OPEN	OPEN	OPEN	OPEN	470	OPEN	OPEN	470	OPEN
R6125	OPEN	OPEN	OPEN	470k	OPEN	470k	OPEN	OPEN	OPEN	OPEN	470k	OPEN	OPEN	470k	OPEN
R6126	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	NDC31HJ -220X	OPEN	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	OPEN	NDC31HJ -220X	OPEN
R6127	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	NDC31HJ -220X	OPEN	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	OPEN	NDC31HJ -220X	OPEN
R6128	OPEN	OPEN	OPEN	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN	3.3k	OPEN
R6129	OPEN	OPEN	OPEN	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN	3.3k	OPEN
R6130	OPEN	OPEN	OPEN	47k	OPEN	47k	OPEN	OPEN	OPEN	OPEN	47k	OPEN	OPEN	47k	OPEN
R6131	OPEN	OPEN	OPEN	68k	OPEN	68k	OPEN	OPEN	OPEN	OPEN	68k	OPEN	OPEN	68k	OPEN
R6132	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6133	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6134	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
Q6101	OPEN	OPEN	OPEN	*3	OPEN	*3	OPEN	OPEN	OPEN	OPEN	*3	OPEN	OPEN	*3	OPEN
Q6102	OPEN	OPEN	OPEN	*3	OPEN	*3	OPEN	OPEN	OPEN	OPEN	*3	OPEN	OPEN	*3	OPEN
L6101	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6101	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6102	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6103	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6104	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
IC6101	OPEN	OPEN	OPEN	SII170BCL 64	OPEN	SII170BCL 64	OPEN	OPEN	OPEN	OPEN	SII170BCL 64	OPEN	OPEN	SII170BCL 64	OPEN
IC6103	OPEN	OPEN	OPEN	IC-PST575M J/-X	OPEN	IC-PST575M J/-X	OPEN	OPEN	OPEN	OPEN	IC-PST575M J/-X	OPEN	OPEN	IC-PST575M J/-X	OPEN
IC6104	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6103	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6104	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6105	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6106	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6107	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6108	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6109	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6110	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6111	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
C6102	OPEN	OPEN	OPEN	10/10 CB1	OPEN	10/10 CB1	OPEN	OPEN	OPEN	OPEN	10/10 CB1	OPEN	OPEN	10/10 CB1	OPEN
C6103	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6105	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6106	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6107	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6108	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6109	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6110	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6111	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6112	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6113	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6114	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6115	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6116	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6117	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6119	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6120	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6121	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6122	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6123	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6124	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6128	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6129	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
CN0DVI	OPEN	OPEN	OPEN	QNZ0580 -001	OPEN	QNZ0580 -001	OPEN	OPEN	OPEN	OPEN	QNZ0580 -001	OPEN	OPEN	QNZ0580 -001	OPEN
IC6003	OPEN	OPEN	OPEN	MAX3221CDB -X	OPEN	MAX3221CDB -X	OPEN	OPEN	OPEN	OPEN	MAX3221CDB -X	OPEN	OPEN	MAX3221CDB -X	OPEN
C6017	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6018	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6019	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6020	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6021	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
R6041	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6042	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6044	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6045	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6046	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6047	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6049	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6050	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6051	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6052	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
D6001	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6002	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6003	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6004	OPEN	OPEN	OPEN	*4	OPEN	*4	OPEN	OPEN	OPEN	OPEN	*4	OPEN	OPEN	*4	OPEN
R6022	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
Q6001	OPEN	OPEN	OPEN	NPN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	NPN	OPEN
CN0MDR	OPEN	OPEN	OPEN	QNZ0576 -002	OPEN	QNZ0576 -002	OPEN	OPEN	OPEN	OPEN	QNZ0576 -002	OPEN	OPEN	QNZ0576 -002	OPEN
R6035	OPEN	OPEN	OPEN	33k	OPEN	33k	OPEN	OPEN	OPEN	OPEN	33k	OPEN	OPEN	33k	OPEN
R6034	1k	1k	1k	6.8k	1k	6.8k	1k	1k	1k	1k	6.8k	1k	1k	6.8k	1k

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (9/11) SHEET 16

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

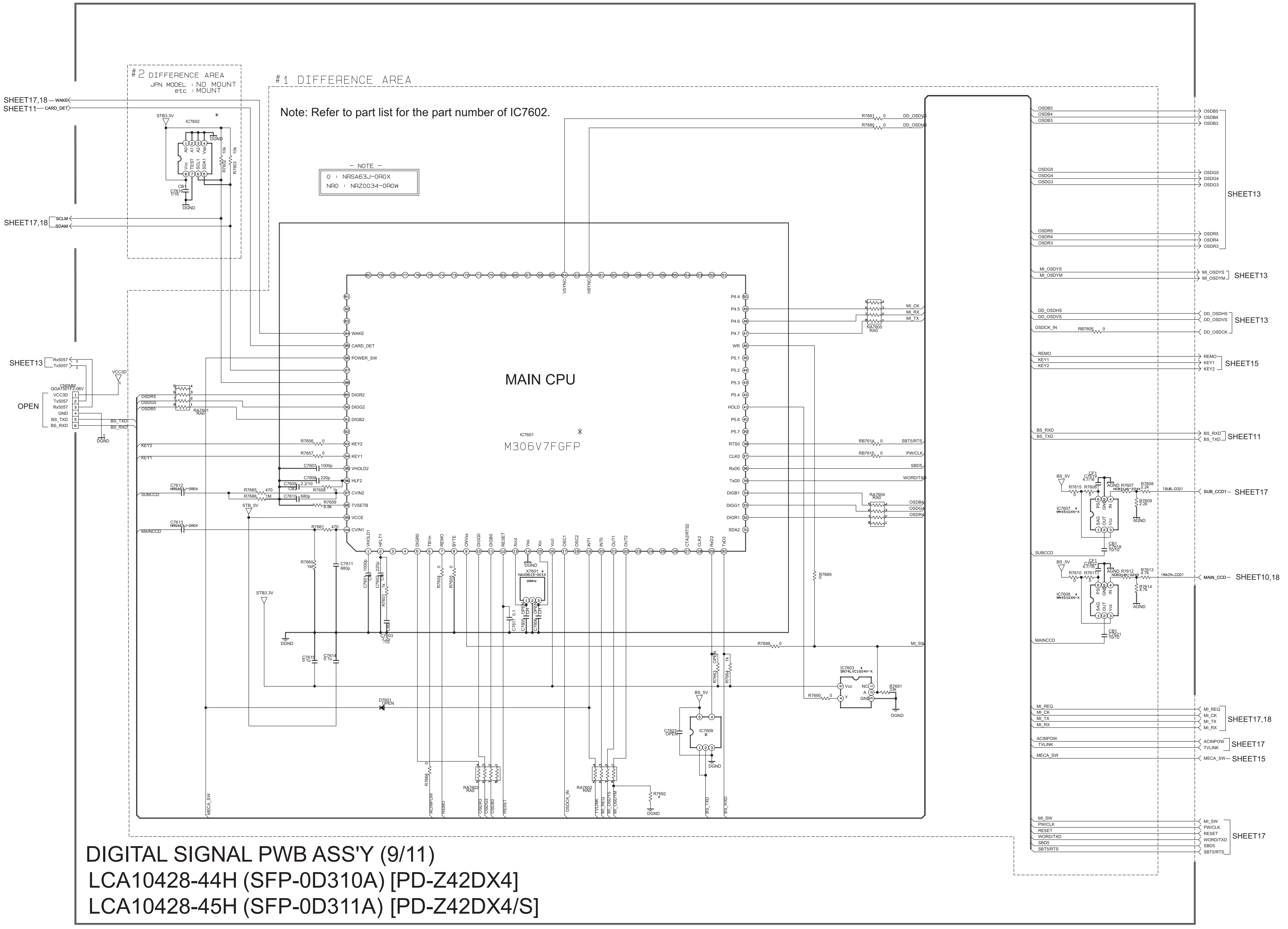
※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (US MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
X7601	OPEN	OPEN	OPEN	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7602	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7603	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7604	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7604	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7606	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7607	OPEN	OPEN	OPEN	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7608	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7609	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7610	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7611	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7612	OPEN	OPEN	OPEN	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7613	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7656	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7657	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7658	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7659	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7660	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7661	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7664	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7666	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7680	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7681	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7685	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7686	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7688	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7689	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7690	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7691	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7601	OPEN	OPEN	OPEN	M306V7FGFP	M306V7FGFP	M306V7FGFP	M306V7FGFP	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7603	OPEN	OPEN	OPEN	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7607	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7608	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7602	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7603	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7607	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7608	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7609	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7610	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7611	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7612	OPEN	OPEN	OPEN	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7613	OPEN	OPEN	OPEN	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7617	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7618	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7619	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7621	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7622	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7692	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	10k	10k	10k	10k
IC7609	OPEN	OPEN	OPEN	SN74AHCT1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	USED
IC7602	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	OPEN	OPEN	OPEN	OPEN	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X
R7602	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
R7603	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
C7616	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	OPEN	OPEN	OPEN	OPEN	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1

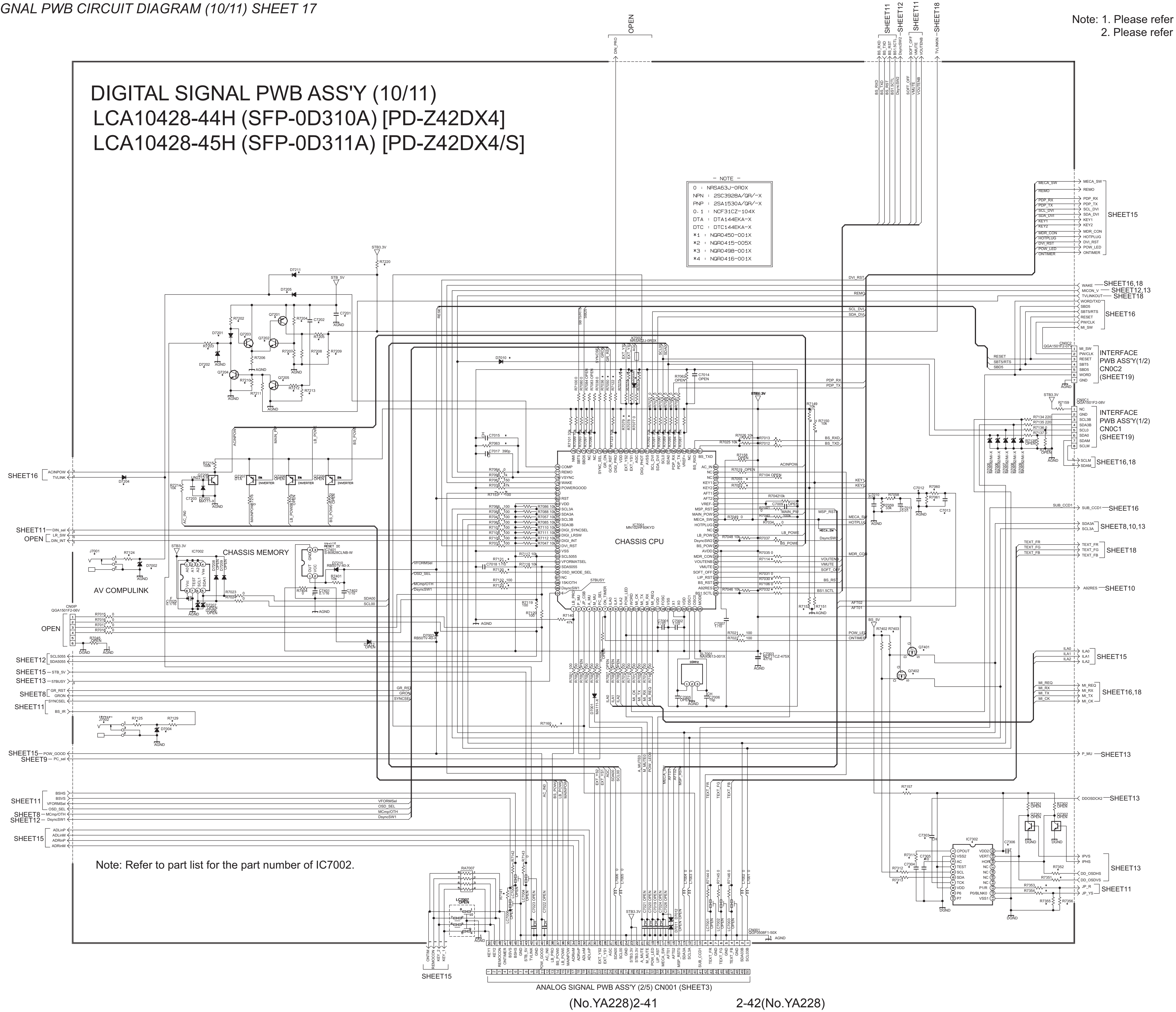

#2 DIFFERENCE AREA
JPN MODEL : NO MOUNT
etc : MOUNT
#1 DIFFERENCE AREA
Note: Refer to part list for the part number of IC7602.
- NOTE -
0 : NRSA63J-0R0X
NR0 : NRZ0034-0R0W
SHEET17,18 WAKE
SHEET11 CARD_DET
STB3.3V
IC7602
A0 A1 A2 Vss Vcc TEST SCL1 SDA1
DGND
R7602 10k
R7603 10k
CB1 C7616 1/16
SHEET17,18 SCLM SDAM
SHEET13 Rx5057 Tx5057
VCC3D
CN0MM QGA1501F2-06V
OPEN
VCC3D Tx5057 Rx5057 GND BS_TXD BS_RXD
OSDR5 OSDG5 OSDB5
RA7601 RA0
KEY2 KEY1
SUBCCD
MAINCCD
C7612 NRSA63J-0R0X
C7613 NRSA63J-0R0X
R7685 470
R7686 1M
STB_5V
MAIN CPU
IC7601 M306V7FGFP
WAKE CARD_DET POWER_SW DIGR2 DIGG2 DIGB2 KEY2 KEY1 VHOLD2 HLF2 CVIN2 TVSETB VCCE CVIN1
R7656 0
R7657 0
C7607 1000p
C7608 220p
C7609 2.2/10 CB2
R7658 1k
C7610 680p
R7659 6.8k
R7661 470
R7660 1M
C7611 680p
VSYNC HSYNC
P4.4 P4.5 P4.6 P4.7 WR P5.1 P5.2 P5.3 P5.4 HOLD P5.6 P5.7 RTS0 CLK0 RxD0 TxD0 DIGB1 DIGG1 DIGR1 SDA2
CTA2/RTS2 CLK2 RxD2 TxD2
VHOLD1 HFLT1 DIGR0 TB1in REMO BYTE CNVss DIGG0 DIGB0 RESET Xout Vss Xin Vcc OSC1 OSC2 INT1 INT0 OUT1 OUT2
RA7605 RA0
MI_CK MI_RX MI_TX
R7681 0 DD_OSDVS
R7680 0 DD_OSDHS
RB7614 0 SBT5/RTS
RB7615 0 PW/CLK
SBD5
WORD/TXD
RA7604 RA0
OSDB4 OSDG4 OSDR4
R7689 0
X7601 NAX0613-001X
C7601 1000p
C7602 220p
C7603
C7614 0.1u
C7615 0.1u
STB3.3V
DGND
R7688 0
MI_SW
IC7603 SN74LVC1G04V-X
R7690 0
R7691 33k
D7601 OPEN
BS_5V
C7621 OPEN
IC7609
R7666 0
RA7602 RA0
RA7603 RA0
R7692
ACINPOW REMO OSDR3 OSDG3 OSDB3 RESET OSDCK_IN TVLINK MI_REQ MI_OSDYS MI_OSDYM BS_TXD BS_RXD MECA_SW
OSDB5 OSDB4 OSDB3
OSDG5 OSDG4 OSDG3
OSDR5 OSDR4 OSDR3
SHEET13
MI_OSDYS MI_OSDYM SHEET13
DD_OSDHS DD_OSDVS OSDCK_IN RB7605 0 DD_OSDCK SHEET13
REMO KEY1 KEY2 SHEET15
BS_RXD BS_TXD SHEET11
IC7607 MM1510XN-X
IC7608 MM1510XN-X
PS GND IN SAG OUT Vcc
CF1 C7619 4.7/16
CF1 C7622 4.7/16
R7615 0 R7606 0
R7610 0 R7611 0
AGND
R7607 NCB31AK-224X
R7612 NCB31AK-224X
R7608 2.2k
R7609 2.2k
R7613 4.7k
R7614 4.7k
(SUB_CCD) SUB_CCD1 SHEET17
(MAIN_CCD) MAIN_CCD SHEET10,18
CB1 C7618 10/10
CB1 C7621 10/10
MI_REQ MI_CK MI_TX MI_RX SHEET17,18
ACINPOW TVLINK SHEET17
MECA_SW SHEET15
MI_SW PW/CLK RESET WORD/TXD SBD5 SBT5/RTS SHEET17

DIGITAL SIGNAL PWB ASS'Y (9/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (10/11) SHEET 17

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

DIGITAL SIGNAL PWB ASS'Y (10/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]



Note: Refer to part list for the part number of IC7002.

#3 DIFFERENCE LIST (BS-DTV OR ATSC CONNECT MODEL/etc)

	ATSC /BS・DTV	–	–	–	ATSC CONNECT	–	–	–	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	–	–	–	–
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
VS	R7141	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
HS	R7142	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
ENB	R7114	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
CTL	R7032	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
RST	R7030	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

#4 DIFFERENCE LIST (DIGITAL_IN BLOCK USED MODEL/ etc)

	NOTE			DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED								
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
*DIN_PRO	R7122	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
*DIGI_P-HOT	R7160	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

#5 DIFFERENCE LIST (DIGITAL IN MODEL/etc)

	NOTE			DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL			DIGITAL IN MODEL	DIGITAL IN MODEL
	Selling Country	EU	EU	EU	US etc	US etc			JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
DsyncSW2	R7037	OPEN	OPEN	0	0	0	0	0	0	0	0	0	OPEN	OPEN	0	0
DsyncSW1	R7133	OPEN	OPEN	0	0	0	0	0	0	0	0	0	OPEN	OPEN	0	0

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R7012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7050	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7036	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
C7015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.001	0.001	0.001	0.001	OPEN	OPEN	OPEN	OPEN
R7063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100K	100K	100K	100K	OPEN	OPEN	OPEN	OPEN
J7002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	OPEN	OPEN	OPEN	OPEN
R7125	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47	47	47	OPEN	OPEN	OPEN	OPEN
R7131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
D7004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA8082 /M/-X	MA8082 /M/-X	MA8082 /M/-X	MA8082 /M/-X	OPEN	OPEN	OPEN	OPEN
Q7401	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X	2SK1374-X	2SK1374-X	OPEN	OPEN	OPEN	OPEN
Q7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X	2SK1374-X	2SK1374-X	OPEN	OPEN	OPEN	OPEN
IC7302	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	M35047 -069FP-X	M35047 -069FP-X	M35047 -069FP-X	M35047 -069FP-X	OPEN	OPEN	OPEN	OPEN
R7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN
R7403	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN
R7311	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k	1k	1k	OPEN	OPEN	OPEN	OPEN
R7312	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	100	100	OPEN	OPEN	OPEN	OPEN
R7313	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	100	100	OPEN	OPEN	OPEN	OPEN
C7303	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000p CH	1000p CH	1000p CH	1000p CH	OPEN	OPEN	OPEN	OPEN
C7304	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.01	0.01	0.01	0.01	OPEN	OPEN	OPEN	OPEN
C7305	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10	1/10	1/10	OPEN	OPEN	OPEN	OPEN
C7306	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1 F	0.1 F	0.1 F	0.1 F	OPEN	OPEN	OPEN	OPEN
R7351	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R7352	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R7353	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN
R7354	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN
R7355	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k	12k	12k	OPEN	OPEN	OPEN	OPEN
R7356	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k	12k	12k	OPEN	OPEN	OPEN	OPEN
R7157	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
D7205	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN
D7010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN
R7130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

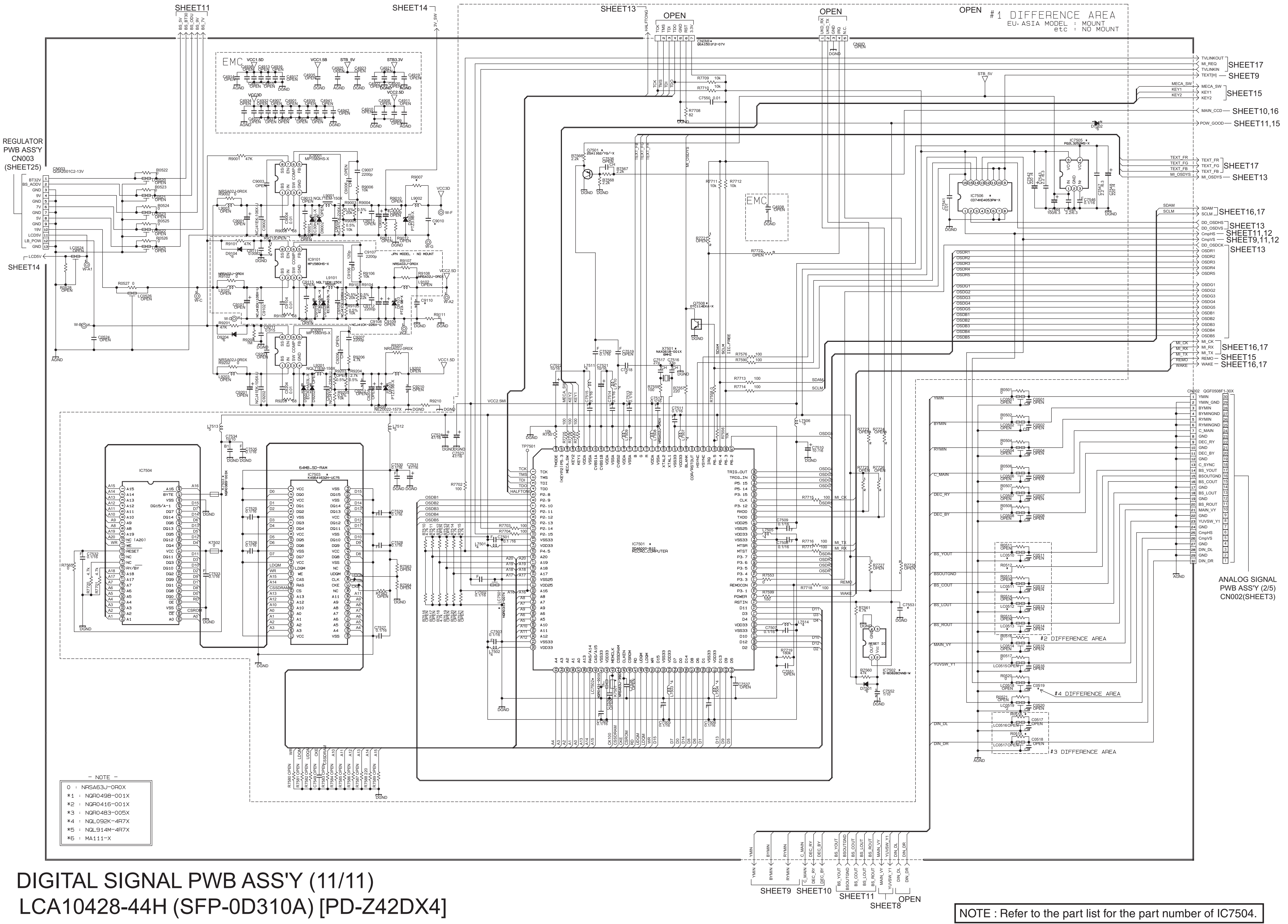
#2 DIFFERENCE LIST (EU MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
Q7201	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7202	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7203	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7204	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7205	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D7201	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D7202	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7201	1/10	1/10	1/10	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7202	0.1	0.1	0.1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7202	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7203	220	220	220	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7204	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7205	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7206	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7207	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7208	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7209	1.5k	1.5k	1.5k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7210	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7211	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7212	47k	47k	47k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7213	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7078	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7079	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
J7001	OPEN	OPEN	OPEN	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001
D7002	OPEN	OPEN	OPEN	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X
R7124	OPEN	OPEN	OPEN	100	100	100	100	100	100	100	100	100	100	100	100

#6 DIFFERENCE LIST

	NOTE			DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL				
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
AFT2	R7058	1k	1k	1k	22k	22k	22k	22k	1k	1k	1k	1k	1k	1k	1k	1k
TV_LINK	D7204	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
TVLINKIN	D7211	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X
STB3.3V-TVLINKIN	R7220	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	18k	18k	18k	18k
KEY1-GND	R7151	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	27k	27k	27k	27k
KEY2-GND	R7152	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	27k	27k	27k	27k
MECA_SW-GND	R7040	33k	33k	33k	100k	100k	100k	100k	100k	100k	100k	100k	33k	33k	33k	33k
KEY2	R7053	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	100	100	100	100	OPEN	OPEN	OPEN	OPEN
KEY1	R7055	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	100	100	100	100	OPEN	OPEN	OPEN	OPEN
AGC-GND	R7073	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
EXT_YS1-GND	R7074	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
EXT_YS2-GND	R7075	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
AFT1	C7012	1/10	1/10	1/10	0.01	0.015/16	0.01	0.015/16	1/10	1/10	1/10	1/10	0.1/16	0.1/16	0.1/16	0.1/16
AFT1	R7060	47k	47k	47k	22k	22k	22k	22k	33k	33k	33k	33k	47k	47k	47k	47k
AFT1	R7061	100k	100k	100k	OPEN	33k	OPEN	33k	150k	150k	150k	150k	100k	100k	100k	100k
AFT1	C7013	0.01	0.01	0.01	OPEN	OPEN	OPEN	OPEN	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
※	C7203	F 0.1/16	F 0.1/16	F 0.1/16	0.047/16	0.047/16	0.047/16	F 0.1/16	F 0.1/16	0.039/16	F 0.1/16	0.039/16	F 0.1/16	F 0.1/16	0.047/16	F 0.1/16
	D7013	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET 18



- NOTE -

0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : MA111-X

DIGITAL SIGNAL PWB ASS'Y (11/11)
LCA10428-44H (SFP-0D310A) [PD-Z42DX4]
LCA10428-45H (SFP-0D311A) [PD-Z42DX4/S]

NOTE : Refer to the part list for the part number of IC7504.

※The blank part of a difference list : Refer to circuit block.

#5 DIFFERENCE LIST ATSC OR BS-DTV CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C9102	NCJ41EK-106X-U	NCJ41EK-106X-U	NCJ41EK-106X-U	OPEN	NCJ41EK-106X-U	NCJ41EK-106X-U	NCJ41EK-106X-U	OPEN	OPEN	OPEN	OPEN	NCJ41EK-106X-U	NCJ41EK-106X-U	NCJ41EK-106X-U	NCJ41EK-106X-U
C9104				OPEN				OPEN	OPEN	OPEN	OPEN				
C9105	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U
C9106				OPEN				OPEN	OPEN	OPEN	OPEN				
C9107				OPEN				OPEN	OPEN	OPEN	OPEN				
C9108	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U
C9111				OPEN				OPEN	OPEN	OPEN	OPEN				
C9112				OPEN				OPEN	OPEN	OPEN	OPEN				
D9101	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN	OPEN	OPEN	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X
D9102	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN	OPEN	OPEN	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X
D9103	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN	OPEN	OPEN	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X
D9104				OPEN				OPEN	OPEN	OPEN	OPEN				
IC9101	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN	OPEN	OPEN	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	MP1580HS-X
L9101	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X	OPEN	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X	OPEN	OPEN	OPEN	OPEN	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X
R9101				OPEN				OPEN	OPEN	OPEN	OPEN				
R9102	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
R9103				OPEN				OPEN	OPEN	OPEN	OPEN				
R9104				OPEN				OPEN	OPEN	OPEN	OPEN				
R9105				OPEN				OPEN	OPEN	OPEN	OPEN				
R9106				OPEN				OPEN	OPEN	OPEN	OPEN				
R9107	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
R9108	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
R9109				OPEN				OPEN	OPEN	OPEN	OPEN				
R9208	1M	1M	1M	470k	1M	1M	1M	470k	470k	470k	470k	1M	1M	1M	1M

#3 DIFFERENCE LIST (DIGITAL IN BLOCK USED MODEL/ etc)

TYPE	—	—	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	—	—	—	—	—	—	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R0519	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R0518	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

#6 DIFFERENCE LIST (BS-DTV OR ATSC CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C9010	OPEN	OPEN	OPEN	NCJ41CK-226X-U	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN
R9004	120k 0.5%	120k 0.5%	120k 0.5%	150k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%	150k 0.5%	150k 0.5%	150k 0.5%	150k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%
R9007	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
L9002	OPEN	OPEN	OPEN	NQL52EM-100X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C9008	OPEN	OPEN	OPEN	NCJ41CK-226X-U	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN
C9110	OPEN	OPEN	OPEN	NCJ41CK-226X-U	OPEN	OPEN	OPEN	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	NCJ41CK-226X-U	OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (ATSC OR BS-DTV CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
LC0510	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0511	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0512	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0513	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
R0512	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (EU·ASIA MODEL/ etc)

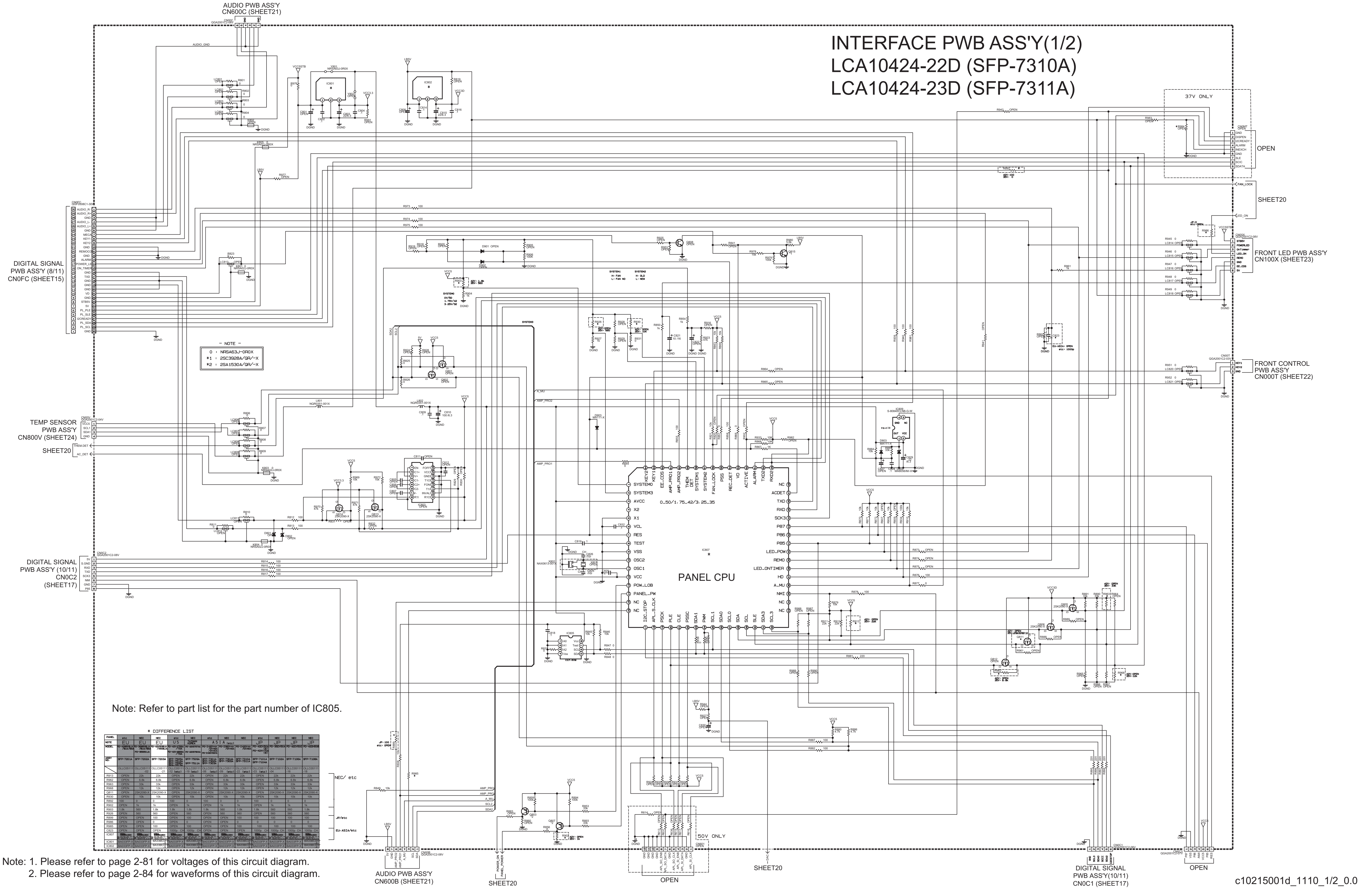
NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R7701				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7702				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7703				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7704				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7705				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7706				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7707				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7708				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7709				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7710				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7711				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7712				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7713				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7714				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7715				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7716				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7717				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7718				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7720				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
X7501	NAX0618-001X	NAX0618-001X	NAX0618-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0618-001X	NAX0618-001X	NAX0618-001X	NAX0618-001X
TP7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7515				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7516				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7517				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7518				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7519				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7520				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7521				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7553				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7556				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7557				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7558				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7559				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7560				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7561				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7562				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7563				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7564				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7565				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7566				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7567				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7568				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7576				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7580				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7581				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7582				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7583				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7584				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7585				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7586				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7587				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7588				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7589				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7590				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7599				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
Q7501	2SA1162/YG/-X	2SA1162/YG/-X	2SA1162/YG/-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1162/YG/-X	2SA1162/YG/-X	2SA1162/YG/-X	2SA1162/YG/-X
Q7508	DTC114EKA-X	DTC114EKA-X	DTC114EKA-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	DTC114EKA-X	DTC114EKA-X	DTC114EKA-X	DTC114EKA-X
LC7501	NQR0313-007X	NQR0313-007X	NQR0313-007X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0313-007X	NQR0313-007X	NQR0313-007X	NQR0313-007X
LC7502	NQR0431-001X	NQR0431-001X	NQR0431-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0431-001X	NQR0431-001X	NQR0431-001X	NQR0431-001X
L7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7503				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7504				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7505				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7506				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7507				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7508	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X
L7509				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
K7501	NRSA63J-390X	NRSA63J-390X	NRSA63J-390X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA63J-390X	NRSA63J-390X	NRSA63J-390X	NRSA63J-390X
K7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
K7503	NQR0389-003X	NQR0389-003X	NQR0389-003X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0389-003X	NQR0389-003X	NQR0389-003X	NQR0389-003X
IC7501	SDA6000-B12	SDA6000-B12	SDA6000-B12	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	SDA6000-B12	SDA6000-B12	SDA6000-B12	SDA6000-B12
IC7502	S-80828CNNB-W	S-80828CNNB-W	S-80828CNNB-W	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	S-80828CNNB-W	S-80828CNNB-W	S-80828CNNB-W	S-80828CNNB-W
IC7503	K4S641632H-UC75	K4S641632H-UC75	K4S641632H-TC75	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	K4S641632H-UC75	K4S641632H-UC75	K4S641632H-TC75	K4S641632H-TC75
IC7504	MR27T1602F-1LSTN	MR27T1602F-1LSTN	MR27T1602F-1LSTN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MR27T1602F-1KDTN	MR27T1602F-1KDTN	MR27T1602F-1KDTN	MR27T1602F-1KDTN
IC7505	PQ2L3252MS-X	PQ2L3252MS-X	PQ2L3252MS-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	PQ2L3252MS-X	PQ2L3252MS-X	PQ2L3252MS-X	PQ2L3252MS-X
IC7506	CD74HC4053PW-X	CD74HC4053PW-X	CD74HC4053PW-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	CD74HC4053PW-X	CD74HC4053PW-X	CD74HC4053PW-X	CD74HC4053PW-X
D7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7503				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7504				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7505				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7506				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7507				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7508				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7509				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7515				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7516				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7517				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7518				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7519				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7520				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7521				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7522				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7523				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7524				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7525				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7526				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7527				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7528				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7529				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7530				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7531				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7532				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7533				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7534				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7535				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7536				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7541				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7542				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7543				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7544				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7545				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7546				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7547				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7548				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7549				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7550				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
CN0MI	QGA1501F2-07V	QGA1501F2-07V	QGA1501F2-07V	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	QGA1501F2-07V	QGA1501F2-07V	QGA1501F2-07V	QGA1501F2-07V
C7552				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
D7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7719				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				

#4 DIFFERENCE LIST (EU· ASIA MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C0519	OPEN	OPEN	OPEN	56p	56p	56p	56p	56p	56p	56p	56p	OPEN	OPEN	OPEN	OPEN
C7553	470p	470p	470p	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	470p	470p	470p	470p

s10213001c_0930_12/12_0.0

INTERFACE PWB CIRCUIT DIAGRAM (1/2) SHEET 19


INTERFACE PWB ASS'Y(1/2)
LCA10424-22D (SFP-7310A)
LCA10424-23D (SFP-7311A)
AUDIO PWB ASS'Y
CN600C (SHEET21)
37V ONLY
OPEN
SHEET20
FRONT LED PWB ASS'Y
CN100X (SHEET23)
FRONT CONTROL
PWB ASS'Y
CN000T (SHEET22)
DIGITAL SIGNAL
PWB ASS'Y (8/11)
CN0FC (SHEET15)
TEMP SENSOR
PWB ASS'Y
CN800V (SHEET24)
SHEET20
DIGITAL SIGNAL
PWB ASS'Y (10/11)
CN0C2
(SHEET17)
- NOTE -
0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
PANEL CPU
IC807
SYSTEM0
SYSTEM3
AVCC
X2
X1
VCL
RES
TEST
VSS
OSC2
OSC1
VCC
POW_LOB
PANEL_PW
NC
NC
KEY2
KEY1
EE_CDS
AMP_PRO1
AMP_PRO2
THEM DET
SYSTEM1
SYSTEM2
FAN_LOCK
PSS
REC_DET
VD
ACTIVE
ALARM
TXD2
RXD2
NC
ACDET
TXD
RXD
SCK3
PB7
PB6
PB5
LED_POW
REMO
LED_ONTIMER
HD
A_MU
NMI
NC
NC
I2C_STOP
APL_S_CLK
PSCK
PLE
PSDC
SDA1
PWM
SCL1
SDA0
SCL0
SDA
SCL
SLE
SDA3
SCL3
0_50/1.75_42/3.25_35
AUDIO PWB ASS'Y
CN600B (SHEET21)
SHEET20
50V ONLY
OPEN
SHEET20
DIGITAL SIGNAL
PWB ASS'Y(10/11)
CN0C1 (SHEET17)
OPEN

Note: Refer to part list for the part number of IC805.

* DIFFERENCE LIST

PANEL	etc	NEC	NEC	etc	NEC	etc	NEC	NEC	etc	NEC	NEC	NEC
NOTE	EU	EU	EU	US	TAIWAN KOREA	ASIA (etc)			JP	JP	JP	JP
MODEL	PD-42B50BJA /BUA/BSA	PD-35B50BJA /BUA/BSA PD-35B50JA	PD-42X50BUA /X50BJA	PD-42V475SA /TSA PD-42V485SA /TSA	PD-42X575TNA PD-42X575KNA	PD-Z42DV4A /DV4SA /DV4CA PD-Z42DV80HA	PD-Z35DV4A /DV4SA	PD-Z42DX4A /DX4SA	PD-42DV50A (B) PD-42XV70A (B)	PD-35DV50A	PD-42DV50D	PD-42DH50B
ASSY NO.	SFP-7201A	SFP-7202A	SFP-7203A	SFP-7505A SFP-7512A SFP-7506A SFP-7513A	SFP-7509A SFP-7511A	SFP-7301A SFP-7302A SFP-7303A	SFP-7304A SFP-7305A	SFP-7310A SFP-7311A	SFP-7101A SFP-7104A	SFP-7102A	SFP-7106A	SFP-7108A
	OLLC05111	OLLC05111 -02	OLLC05111 -21	OLLC05111 -12 (etc)	OLLC05111 -19 (etc)	OLLC05111 -06 (etc)	OLLC05111 -09 (etc)	OLLC05111 -22 (etc)	OLLC05111 -03 (etc)	OLLC05111 -04	OLLC05111 -16	OLLC05111 -18
R913	OPEN	22k	22k	OPEN	22k	OPEN	22k	22k	OPEN	22k	22k	22k
R962	OPEN	6.8k	6.8k	OPEN	6.8k	OPEN	6.8k	6.8k	OPEN	6.8k	6.8k	6.8k
R963	OPEN	33k	33k	OPEN	33k	OPEN	33k	33k	OPEN	33k	33k	33k
R968	OPEN	12k	12k	OPEN	12k	OPEN	12k	12k	OPEN	12k	12k	12k
Q811	OPEN	2SK2090-X	2SK2090-X	OPEN	2SK2090-X	OPEN	2SK2090-X	2SK2090-X	OPEN	2SK2090-X	2SK2090-X	2SK2090-X
R930	OPEN	10k	10k	OPEN	10k	OPEN	10k	10k	OPEN	10k	10k	10k
R892	100	0	0	100	0	100	0	0	100	0	0	0
R902	OPEN	1k	1k	OPEN	1k	OPEN	1k	1k	OPEN	1k	1k	1k
R903	1.8k	560	1.8k	1.8k	1.8k	1.8k	560	1.8k	1.8k	560	560	1.8k
R926	OPEN	560	560	OPEN	560	OPEN	560	560	OPEN	560	560	560
R899	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	100	100	100	100	100
R986	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	0	0	0	0	0
R985	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	100	100	100	100	100
C823	OPEN	OPEN	OPEN	1000p CH	1000p CH	OPEN	OPEN	OPEN	1000p CH	1000p CH	1000p CH	1000p CH
IC807	HD64 33687A30H OR HD64F 3687A30H	HD64 33687A30H OR HD64F 3687A30H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A30H OR HD64F 3687A30H	HD64 33687A30H OR HD64F 3687A30H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H	HD64 33687A80H OR HD64F 3687A80H
IC801	BA033FP-X	BA033FP-X	BA33BC0FP -X	BA033FP-X	BA33BC0FP -X	BA033FP-X	BA033FP-X	BA33BC0FP -X	BA033FP-X	BA033FP-X	BA033FP-X	BA33BC0FP -X
IC802	BA033FP-X	BA033FP-X	BA33BC0FP -X	BA033FP-X	BA33BC0FP -X	BA033FP-X	BA033FP-X	BA33BC0FP -X	BA033FP-X	BA033FP-X	BA033FP-X	BA33BC0FP -X

NEC/ etc

JP/etc

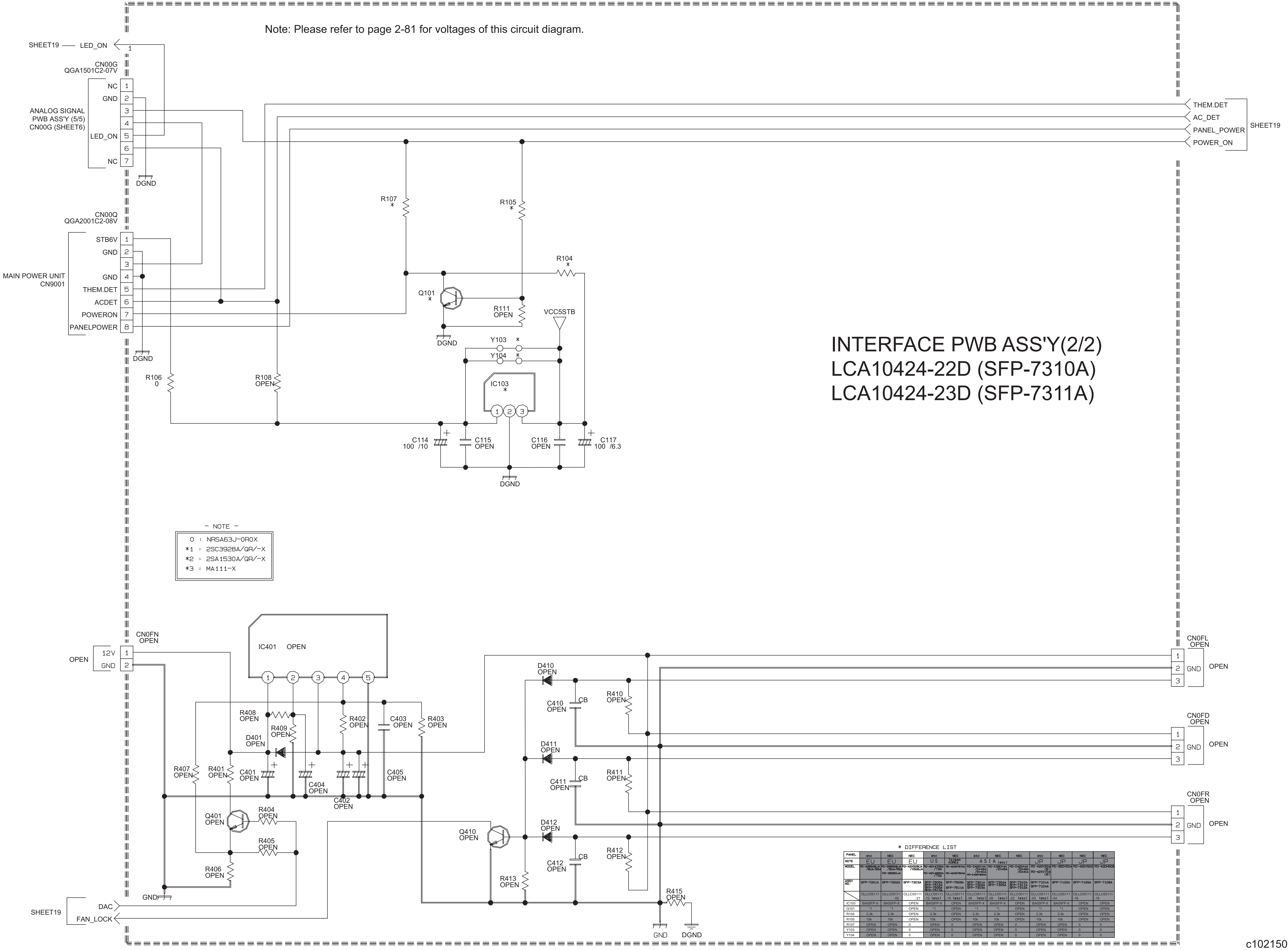
EU·ASIA/etc

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

c10215001d_1110_1/2_0.0

INTERFACE PWB CIRCUIT DIAGRAM (2/2) SHEET 20

Note: Please refer to page 2-81 for voltages of this circuit diagram.


SHEET19
LED_ON
CN00G
QGA1501C2-07V
NC
GND
LED_ON
NC
ANALOG SIGNAL
PWB ASS'Y (5/5)
CN00G (SHEET6)
DGND
CN00Q
QGA2001C2-08V
STB6V
GND
GND
THEM.DET
ACDET
POWERON
PANELPOWER
MAIN POWER UNIT
CN9001
THEM.DET
AC_DET
PANEL_POWER
POWER_ON
SHEET19
R107
R105
R104
Q101
R111
OPEN
VCC5STB
Y103
Y104
IC103
R106
0
R108
OPEN
C114
100 /10
C115
OPEN
C116
OPEN
C117
100 /6.3
DGND
CN0FN
OPEN
12V
GND
IC401 OPEN
R408
OPEN
R409
OPEN
D401
OPEN
R402
OPEN
C403
OPEN
R403
OPEN
R407
OPEN
R401
OPEN
C401
OPEN
C404
OPEN
C402
OPEN
C405
OPEN
Q401
OPEN
R404
OPEN
R405
OPEN
R406
OPEN
GND
SHEET19
DAC
FAN_LOCK
Q410
OPEN
R413
OPEN
D410
OPEN
C410
OPEN
CB
R410
OPEN
D411
OPEN
C411
OPEN
R411
OPEN
D412
OPEN
C412
OPEN
R412
OPEN
R415
OPEN
GND
DGND
CN0FL
OPEN
CN0FD
OPEN
CN0FR
OPEN

INTERFACE PWB ASS'Y(2/2)
LCA10424-22D (SFP-7310A)
LCA10424-23D (SFP-7311A)

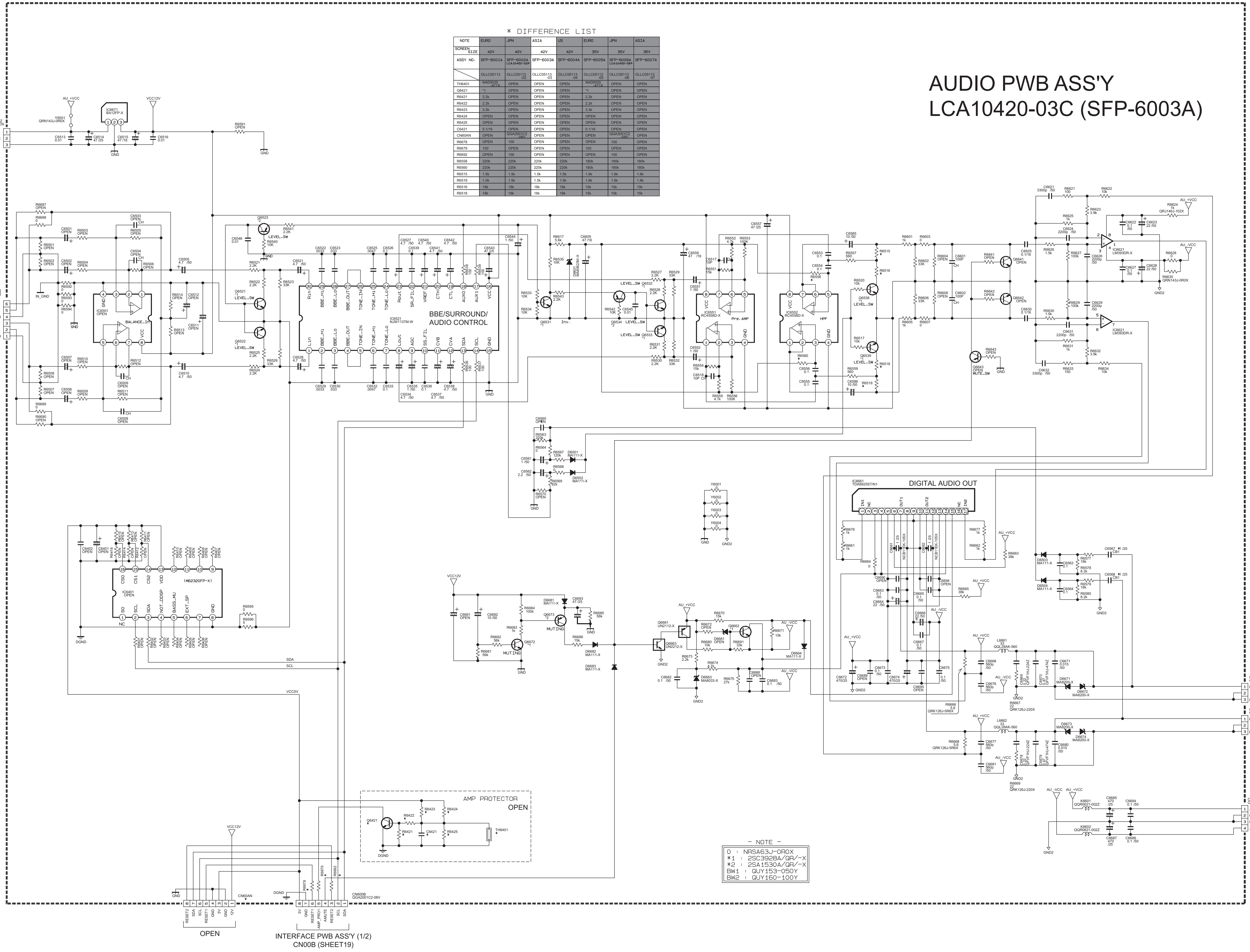
– NOTE –
0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
*3 : MA111-X

* DIFFERENCE LIST

PANEL	etc	NEC	NEC	etc	NEC	etc	NEC	NEC	etc	NEC	NEC	NEC
NOTE	EU	EU	EU	US	TAIWAN KOREA	ASIA (etc)			JP	JP	JP	JP
MODEL	PD-42B50BJA /BUA/BSA	PD-35B50BJA /BUA/BSA PD-35S50JA	PD-42X50BUA /X50BJA	PD-42V475SA /TSA PD-42V485SA /TSA	PD-42X575TNA PD-42X575KNA	PD-Z42DV4A /DV4SA /DV4CA PD-Z42DV80HA	PD-Z35DV4A /DV4SA	PD-Z42DX4A /DX4SA /DX4CA	PD-42DV50A (B) PD-42XV70A (B)	PD-35DV50A	PD-42DV50D	PD-42DH50B
ASSY NO.	SFP-7201A	SFP-7202A	SFP-7203A	SFP-7505A SFP-7512A SFP-7506A SFP-7513A	SFP-7509A SFP-7511A	SFP-7301A SFP-7302A SFP-7303A	SFP-7304A SFP-7305A	SFP-7310A SFP-7311A SFP-7312A	SFP-7101A SFP-7104A	SFP-7102A	SFP-7106A	SFP-7108A
	OLLC05111	OLLC05111 -02	OLLC05111 -21	OLLC05111 -12 (etc)	OLLC05111 -19 (etc)	OLLC05111 -06 (etc)	OLLC05111 -09 (etc)	OLLC05111 -22 (etc)	OLLC05111 -03 (etc)	OLLC05111 -04	OLLC05111 -16	OLLC05111 -18
IC103	BA05FP-X	BA05FP-X	OPEN	BA05FP-X	OPEN	BA05FP-X	BA05FP-X	OPEN	BA05FP-X	BA05FP-X	OPEN	OPEN
Q101	*1	*1	OPEN	*1	OPEN	*1	*1	OPEN	*1	*1	OPEN	OPEN
R104	3.3k	3.3k	OPEN	3.3k	OPEN	3.3k	3.3k	OPEN	3.3k	3.3k	OPEN	OPEN
R105	10k	10k	OPEN	10k	OPEN	10k	10k	OPEN	10k	10k	OPEN	OPEN
R107	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	0	0
Y103	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	0	0
Y104	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	0	0

c10215002_1110_2/2_0.0

AUDIO PWB CIRCUIT DIAGRAM SHEET 21


AUDIO PWB ASS'Y
LCA10420-03C (SFP-6003A)
OPEN
INTERFACE PWB ASS'Y (1/2) CN00C (SHEET19)
BBE/SURROUND/ AUDIO CONTROL
IC6521 NJW1137M-W
IC6501 BALANCE
IC6551 Pre.AMP
IC6552 HPF
IC6621 LM393DR-X
LEVEL_SW
MUTE_SW
Inv.
IC6401 M62320FP-X1
SDA
SCL
VCC5V
VCC12V
MUTING
DIGITAL AUDIO OUT
IC6661 TDA8925ST/N1
SEPAKER (L)
SEPAKER (R)
SUB POWER ASS'Y PWB CN9001 (SHEET27)
AMP PROTECTOR
OPEN
TH6401
INTERFACE PWB ASS'Y (1/2) CN00B (SHEET19)
OPEN
CN60AN
CN600B

* DIFFERENCE LIST

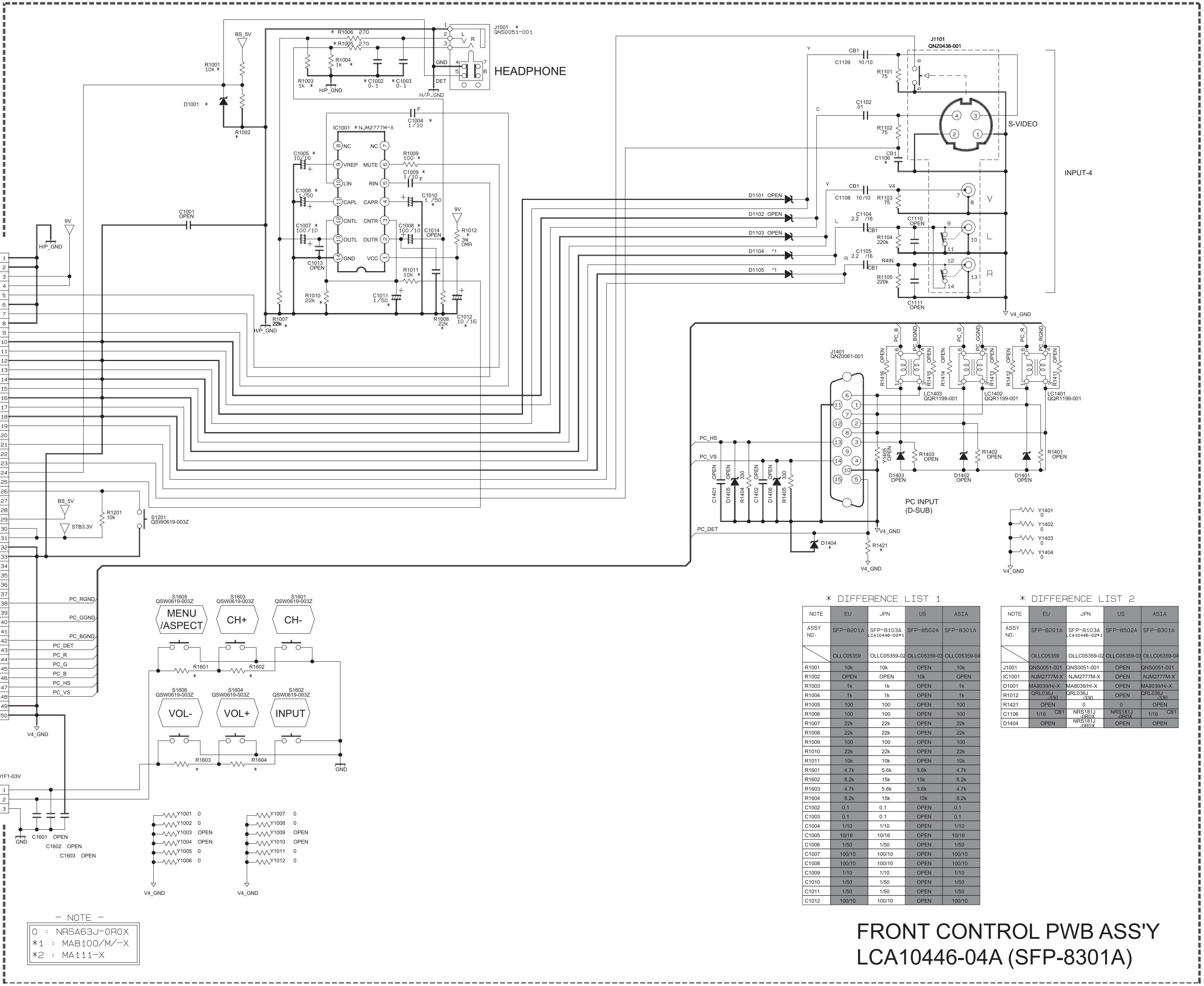
NOTE	EURO	JPN	ASIA	US	EURO	JPN	ASIA
SCREEN SIZE	42V	42V	42V	42V	35V	35V	35V
ASSY NO.	SFP-6001A	SFP-6002A LCA10420-02*	SFP-6003A	SFP-6004A	SFP-6005A	SFP-6006A LCA10420-06*	SFP-6007A
	OLLC05113	OLLC05113 -02	OLLC05113 -03	OLLC05113 -04	OLLC05113 -05	OLLC05113 -06	OLLC05113 -07
TH6401	NAD0035 -471X	OPEN	OPEN	OPEN	NAD0035 -471X	OPEN	OPEN
Q6421	*1	OPEN	OPEN	OPEN	*1	OPEN	OPEN
R6421	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN
R6422	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN
R6423	3.3k	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN
R6424	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6425	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6421	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN
CN60AN	OPEN	QGA2001C2 -08V	OPEN	OPEN	OPEN	QGA2001C2 -08V	OPEN
R6678	OPEN	100	OPEN	OPEN	OPEN	100	OPEN
R6679	100	OPEN	OPEN	OPEN	100	OPEN	OPEN
R6692	OPEN	100	OPEN	OPEN	OPEN	100	OPEN
R6558	220k	220k	220k	220k	180k	180k	180k
R6560	220k	220k	220k	220k	180k	180k	180k
R6515	1.5k	1.5k	1.5k	1.5k	1.8k	1.8k	1.8k
R6519	1.5k	1.5k	1.5k	1.5k	1.8k	1.8k	1.8k
R6516	18k	18k	18k	18k	15k	15k	15k
R6518	18k	18k	18k	18k	15k	15k	15k

– NOTE –

O : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
BW1 : QUY153-050Y
BW2 : QUY160-100Y

Note: Please refer to page 2-81 for voltages of this circuit diagram.

FRONT CONTROL PWB CIRCUIT DIAGRAM SHEET 22


HEADPHONE
J1001 * QNS0051-001
IC1001 * NJM2777M-X
S-VIDEO
J1101 QNZ0438-001
INPUT-4
PC INPUT (D-SUB)
J1401 QNZ0061-001
LC1401 QQR1199-001
LC1402 QQR1199-001
LC1403 QQR1199-001
CN800F QGF0508F1-50X
ANALOG SIGNAL PWB ASS'Y (1/5) CN00F (SHEET2)
INTERFACE PWB ASS'Y (1/2) CN00T (SHEET19)
CN000T QGA2001F1-03V
KEY1
KEY2
GND
S1605 QSW0619-003Z
MENU /ASPECT
S1603 QSW0619-003Z
CH+
S1601 QSW0619-003Z
CH-
S1606 QSW0619-003Z
VOL-
S1604 QSW0619-003Z
VOL+
S1602 QSW0619-003Z
INPUT
S1201 QSW0619-003Z
C1601 OPEN
C1602 OPEN
C1603 OPEN
V4_GND
H/P_GND

* DIFFERENCE LIST 1

NOTE	EU	JPN	US	ASIA
ASSY NO.	SFP-8201A	SFP-8103A LCA10446-02*1	SFP-8502A	SFP-8301A
	OLLC05359	OLLC05359-02	OLLC05359-03	OLLC05359-04
R1001	10k	10k	OPEN	10k
R1002	OPEN	OPEN	10k	OPEN
R1003	1k	1k	OPEN	1k
R1004	1k	1k	OPEN	1k
R1005	100	100	OPEN	100
R1006	100	100	OPEN	100
R1007	22k	22k	OPEN	22k
R1008	22k	22k	OPEN	22k
R1009	100	100	OPEN	100
R1010	22k	22k	OPEN	22k
R1011	10k	10k	OPEN	10k
R1601	4.7k	5.6k	5.6k	4.7k
R1602	8.2k	15k	15k	8.2k
R1603	4.7k	5.6k	5.6k	4.7k
R1604	8.2k	15k	15k	8.2k
C1002	0.1	0.1	OPEN	0.1
C1003	0.1	0.1	OPEN	0.1
C1004	1/10	1/10	OPEN	1/10
C1005	10/16	10/16	OPEN	10/16
C1006	1/50	1/50	OPEN	1/50
C1007	100/10	100/10	OPEN	100/10
C1008	100/10	100/10	OPEN	100/10
C1009	1/10	1/10	OPEN	1/10
C1010	1/50	1/50	OPEN	1/50
C1011	1/50	1/50	OPEN	1/50
C1012	100/10	100/10	OPEN	100/10

* DIFFERENCE LIST 2

NOTE	EU	JPN	US	ASIA
ASSY NO.	SFP-8201A	SFP-8103A LCA10446-02*1	SFP-8502A	SFP-8301A
	OLLC05359	OLLC05359-02	OLLC05359-03	OLLC05359-04
J1001	QNS0051-001	QNS0051-001	OPEN	QNS0051-001
IC1001	NJM2777M-X	NJM2777M-X	OPEN	NJM2777M-X
D1001	MA8039/H/-X	MA8039/H/-X	OPEN	MA8039/H/-X
R1012	QRL036J -330	QRL036J -330	OPEN	QRL036J -330
R1421	OPEN	0	0	OPEN
C1106	1/16 CB1	NRS181J -0R0X	NRS181J -0R0X	1/16 CB1
D1404	OPEN	NRS181J -0R0X	OPEN	OPEN

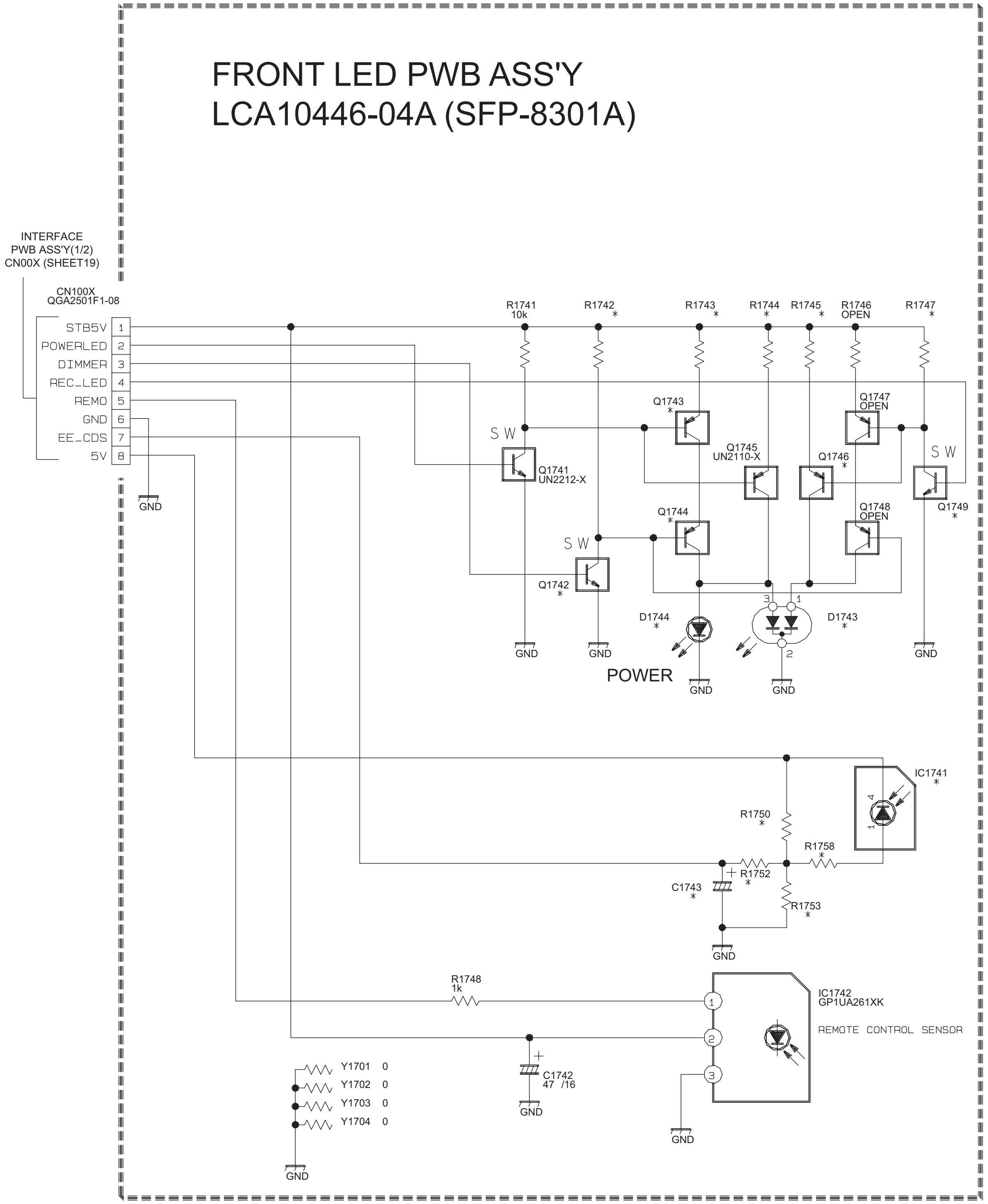
- NOTE -
0 : NRSA63J-0R0X
*1 : MA8100/M/-X
*2 : MA111-X

FRONT CONTROL PWB ASS'Y
LCA10446-04A (SFP-8301A)

Note: Please refer to page 2-81 for voltages of this circuit diagram.

s10223001b_0930_1/1_0.0

FRONT LED PWB CIRCUIT DIAGRAM SHEET 23


FRONT LED PWB ASS'Y
LCA10446-04A (SFP-8301A)
INTERFACE
PWB ASS'Y(1/2)
CN00X (SHEET19)
CN100X
QGA2501F1-08
STB5V 1
POWERLED 2
DIMMER 3
REC_LED 4
REMO 5
GND 6
EE_CDS 7
5V 8
GND
R1741
10k
R1742
R1743
R1744
R1745
R1746
OPEN
R1747
SW
Q1741
UN2212-X
Q1742
Q1743
Q1744
Q1745
UN2110-X
Q1746
Q1747
OPEN
Q1748
OPEN
Q1749
D1744
D1743
POWER
IC1741
R1750
R1758
R1752
C1743
R1753
R1748
1k
IC1742
GP1UA261XK
REMOTE CONTROL SENSOR
Y1701 0
Y1702 0
Y1703 0
Y1704 0
C1742
47 /16

Note: Please refer to page 2-81 for voltages of this circuit diagram.

∗ DIFFERENCE LIST

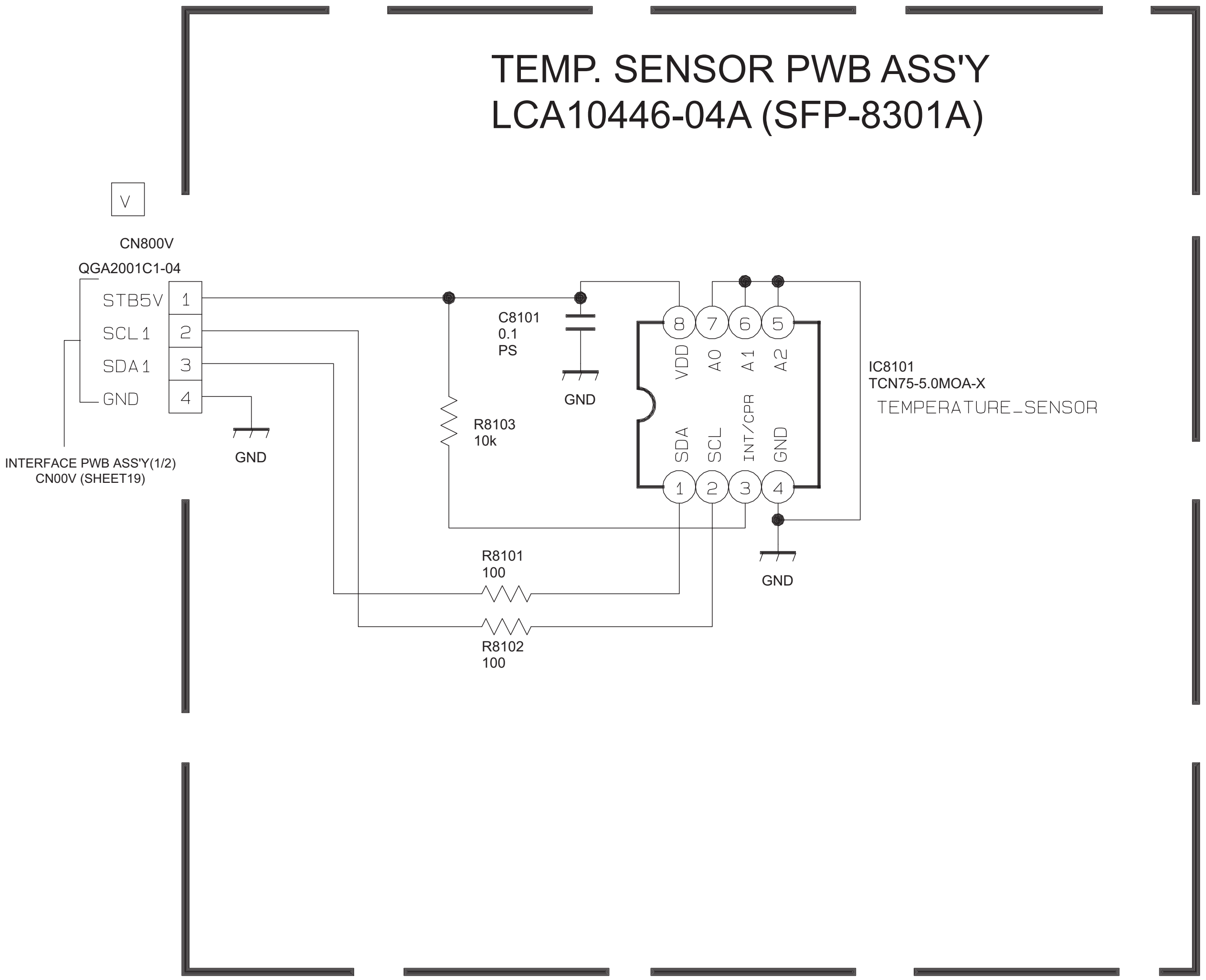
NOTE	EU・ASIA	JPN	US	ASIA	US 2
ASSY NO.	SFP-8201A	SFP-8103A	SFP-8502A	SFP-8301A	SFP-8507A
	OLLC05359	OLLC05359-02	OLLC05359-03	OLLC05359-04	OLLC05359-05
D1743	OPEN	SML1216W	OPEN	OPEN	OPEN
D1744	HLMP-NS30 -J0000	OPEN	LG22440	HLMP-NS30 -J0000	LG22440
R1742	OPEN	OPEN	10k	OPEN	10k
R1743	OPEN	OPEN	330	OPEN	330
R1744	330	330	2.2k	330	2.2k
R1745	OPEN	330	OPEN	OPEN	OPEN
R1747	OPEN	10k	OPEN	OPEN	OPEN
Q1742	OPEN	OPEN	UN2212-X	OPEN	UN2212-X
Q1743	OPEN	OPEN	UN2110-X	OPEN	UN2110-X
Q1744	OPEN	OPEN	UN2110-X	OPEN	UN2110-X
Q1746	OPEN	UN2110-X	OPEN	OPEN	OPEN
Q1749	OPEN	UN2212-X	OPEN	OPEN	OPEN
IC1741	OPEN	S9066-11	OPEN	OPEN	OPEN
R1750	OPEN	330k	OPEN	OPEN	OPEN
R1752	OPEN	100	OPEN	OPEN	OPEN
R1753	OPEN	100k	OPEN	OPEN	OPEN
R1758	OPEN	56k	OPEN	OPEN	OPEN
C1743	OPEN	1 /50	OPEN	OPEN	OPEN

– NOTE –

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X

s10224001b_0930_1/1_0.0

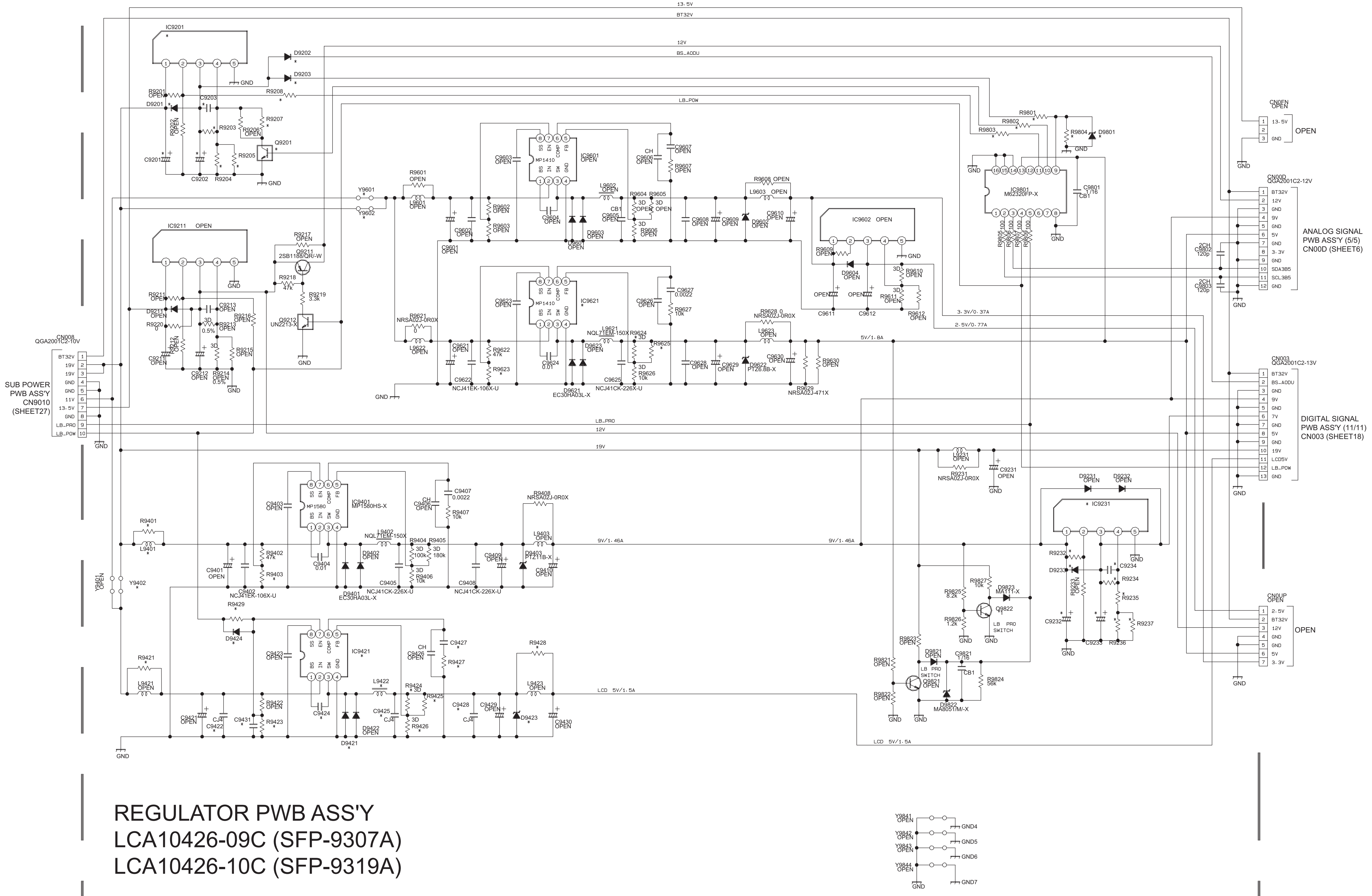
TEMP. SENSOR PWB CIRCUIT DIAGRAM SHEET 24


TEMP. SENSOR PWB ASS'Y
LCA10446-04A (SFP-8301A)
V
CN800V
QGA2001C1-04
STB5V 1
SCL1 2
SDA1 3
GND 4
INTERFACE PWB ASS'Y(1/2)
CN00V (SHEET19)
GND
C8101
0.1
PS
GND
R8103
10k
VDD 8
A0 7
A1 6
A2 5
SDA 1
SCL 2
INT/CPR 3
GND 4
IC8101
TCN75-5.0MOA-X
TEMPERATURE_SENSOR
GND
R8101
100
R8102
100

Note: Please refer to page 2-81 for voltages of this circuit diagram.

s10225001b_0930_1/1_0.0

REGULATOR PWB CIRCUIT DIAGRAM SHEET 25


13.5V
BT32V
12V
BS_AODU
LB_POW
LB_PRO
19V
IC9201
IC9211 OPEN
D9202
D9203
Q9201
Q9211 2SB1188/QR/-W
Q9212 UN2213-X
IC9601 MP1410
IC9621 MP1410
IC9602 OPEN
IC9801 M62320FP-X
IC9401 MP1580HS-X
IC9421
IC9231
Y9601
Y9602
Y9401 OPEN
Y9402
L9622 NCJ41EK-106X-U
L9621 NQL71EM-150X
D9621 EC30HA03L-X
D9622 PTZ6.8B-X
R9629 NRSA02J-471X
L9402 NQL71EM-150X
D9401 EC30HA03L-X
D9403 PTZ11B-X
R9408 NRSA02J-0R0X
R9231 NRSA02J-0R0X
Q9821
Q9822
D9822 MA8051/M/-X
D9823 MA111-X
LB PRO SWITCH
3.3V/0.37A
2.5V/0.77A
5V/1.8A
9V/1.46A
LCD 5V/1.5A
CN008
QGA2001C2-10V
SUB POWER
PWB ASS'Y
CN9010
(SHEET27)
1 BT32V
2 19V
3 19V
4 GND
5 GND
6 11V
7 13.5V
8 GND
9 LB_PRO
10 LB_POW
CN0FN
OPEN
1 13.5V
2
3 GND
OPEN
CN00D
QGA2001C2-12V
1 BT32V
2 12V
3 GND
4 9V
5 GND
6 5V
7 GND
8 3.3V
9 GND
10 SDA3B5
11 SCL3B5
12 GND
ANALOG SIGNAL
PWB ASS'Y (5/5)
CN00D (SHEET6)
2CH C9802 120p
2CH C9803 120p
CN003
QGA2001C2-13V
1 BT32V
2 BS_AODU
3 GND
4 9V
5 GND
6 7V
7 GND
8 5V
9 GND
10 19V
11 LCD5V
12 LB_POW
13 GND
DIGITAL SIGNAL
PWB ASS'Y (11/11)
CN003 (SHEET18)
CN0UP
OPEN
1 2.5V
2 BT32V
3 12V
4 GND
5 GND
6 5V
7 3.3V
OPEN
Y9841 OPEN
Y9842 OPEN
Y9843 OPEN
Y9844 OPEN
GND4
GND5
GND6
GND7
GND

REGULATOR PWB ASS'Y
LCA10426-09C (SFP-9307A)
LCA10426-10C (SFP-9319A)

Note: Please refer to page 2-81 for voltages of this circuit diagram.

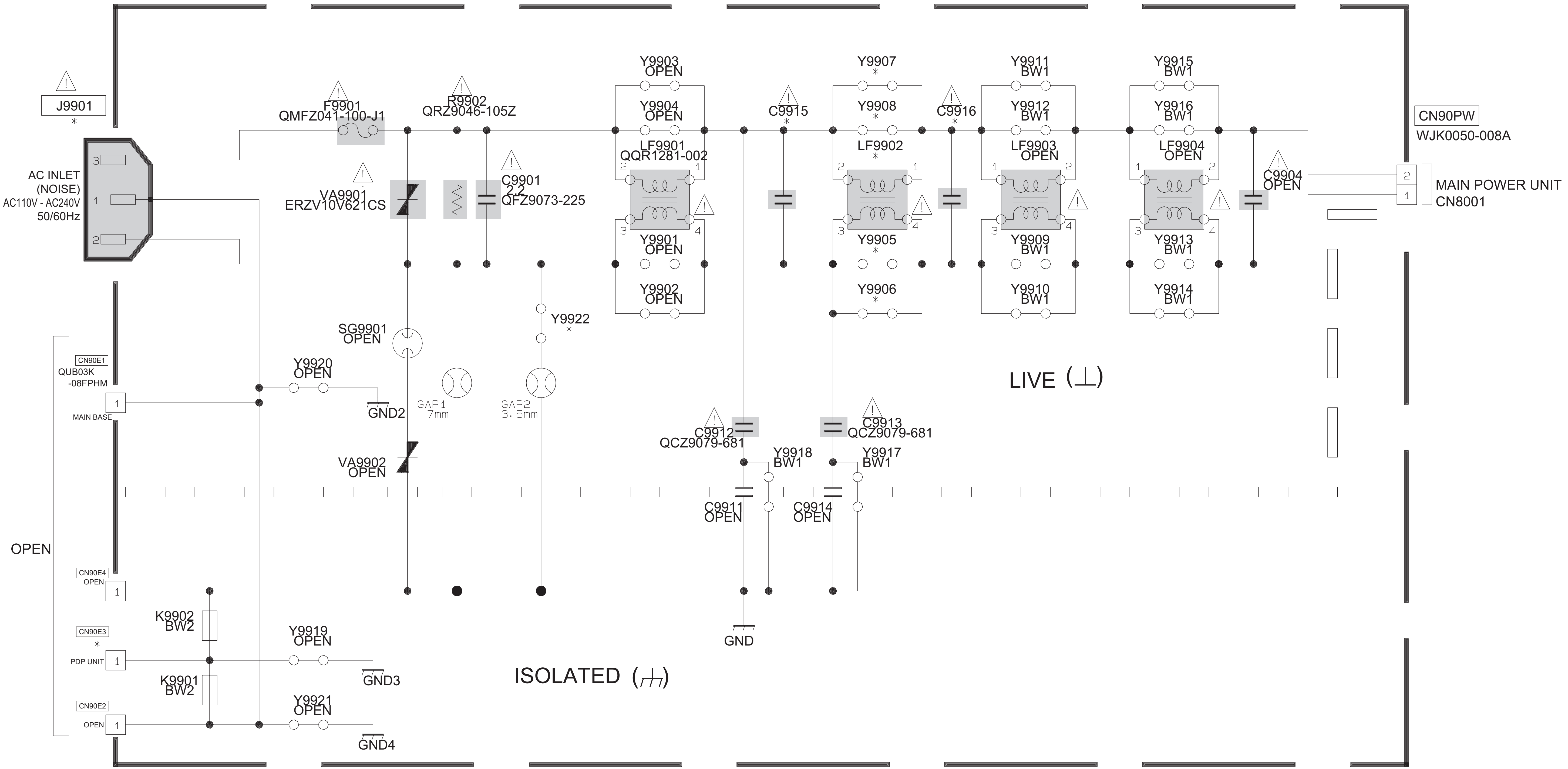
* DEFFERENCE LIST

	ASSY NO.	SFP-9517A SFP-9320A SFP-9319A SFP-9307A SFP-9206A SFP-9514A SFP-9203A	SFP-9507A	SFP-9116A SFP-9106A	SFP-9122A	SFP-9318A SFP-9317A SFP-9306A SFP-9520A
		OLLC05108 (-07~-11) (-17)	OLLC05108 -02	OLLC05108 -03 (-04)	OLLC07151	OLLC05108 -12 (-13~-15)
5V	IC9621	MP1410ES -X	MP1580HS -X	MP1410ES -X	MP1580HS -X	MP1580HS -X
	R9623	33k	15k	33k	33k	15k
	R9624	47k 3D	33k 3D	47k 3D	47k 3D	33k 3D
	R9625	91k 3D	820k	91k 3D	91k 3D	820k
BS 15V	IC9201	OPEN	OPEN	PQ20WZ11 -X	PQ20WZ11 -X	OPEN
	D9201	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	D9202	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	D9203	OPEN	OPEN	MA111-X	MA111-X	OPEN
	Q9201	OPEN	OPEN	UN2213-X	UN2213-X	OPEN
	C9201	OPEN	OPEN	NEHM1EM -336X	NEHM1EM -336X	OPEN
	C9202	OPEN	OPEN	NEHM1EM -336X	NEHM1EM -336X	OPEN
	C9203	OPEN	OPEN	0.1	0.1	OPEN
	R9203	OPEN	OPEN	NRSA63D -183X	NRSA63D -183X	OPEN
	R9204	OPEN	OPEN	NRSA63D -682X	NRSA63D -682X	OPEN
	R9205	OPEN	OPEN	33k	33k	OPEN
	R9207	OPEN	OPEN	NRSA63D -103X	NRSA63D -103X	OPEN
	R9208	OPEN	OPEN	33k	33k	OPEN
9V	R9401	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X
	R9403	18k	15k	18k	18k	15k
	L9401	OPEN	OPEN	NQL52EM -220X	NQL52EM -220X	OPEN
7V	IC9231	OPEN	OPEN	PQ20WZ11 -X	PQ20WZ11 -X	OPEN
	D9233	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	C9232	OPEN	OPEN	NEHM1CM -476X	NEHM1CM -476X	OPEN
	C9233	OPEN	OPEN	NEHM1CM -476X	NEHM1CM -476X	OPEN
	C9234	OPEN	OPEN	0.1	0.1	OPEN
	R9232	OPEN	OPEN	10k	10k	OPEN
	R9234	OPEN	OPEN	4.7k	4.7k	OPEN
	R9235	OPEN	OPEN	0	0	OPEN
	R9236	OPEN	OPEN	NRSA63D -332X	NRSA63D -332X	OPEN
	R9237	OPEN	OPEN	18k	18k	OPEN
LCD 5V	C9422	OPEN	10/25 CJ4	10/25 CJ4	10/25 CJ4	OPEN
	C9424	OPEN	0.01	0.01	0.01	OPEN
	C9425	OPEN	22/16 CJ4	22/16 CJ4	22/16 CJ4	OPEN
	C9427	OPEN	2200p	2200p	2200p	OPEN
	C9428	OPEN	22/16 CJ4	22/16 CJ4	22/16 CJ4	OPEN
	C9431	OPEN	8200p	8200p	8200p	OPEN
	D9421	OPEN	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	OPEN
	D9423	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN
	D9424	OPEN	MA111-X	MA111-X	MA111-X	OPEN
	IC9421	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN
	L9422	OPEN	NQL71EM -150X	NQL71EM -150X	NQL71EM -150X	OPEN
	R9421	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
	R9423	OPEN	820k	820k	820k	OPEN
	R9424	OPEN	12k 3D	12k 3D	12k 3D	OPEN
	R9425	OPEN	120k	120k	120k	OPEN
	R9426	OPEN	10k 3D	10k 3D	10k 3D	OPEN
	R9427	OPEN	10k	10k	10k	OPEN
	R9428	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
	R9429	OPEN	47k	47k	47k	OPEN
	Y9402	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
ON/OFF PROTECT	D9801	OPEN	OPEN	MA8051 /M/-X	MA8051 /M/-X	OPEN
	R9801	OPEN	OPEN	12k	12k	OPEN
	R9802	OPEN	OPEN	100	100	OPEN
	R9803	OPEN	OPEN	100	100	OPEN
	R9804	OPEN	OPEN	10k	10k	OPEN
Vin SERECT	Y9601	0	OPEN	0	OPEN	OPEN
	Y9602	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X

LINE FILTER PWB CIRCUIT DIAGRAM SHEET 26

* DIFFERENCE LIST 1

MODEL	PD-42B50BJA PD-42B50BJA	PD-35B50BJA PD-35B50BUA PD-35S50JA	PD-42DV50A PD-42XV70A	PD-35DV50A	PD-42V475SA PD-42V485SA	PD-Z42DV4A PD-Z42DV4SA PD-Z42DV4CA	PD-Z35DV4A PD-Z35DV4SA	PD-42DV50D	PD-42DH50B	PD-42X575KNA PD-42X575TNA	PD-42X50BUA PD-42X50BJA	PD-Z42DV4A	PD-Z42DV4CA PD-Z42DV4SA	PD-42V475TSA PD-42V485TSA
ASSY NO.	SFP-9204A LCA10427-01*	SFP-9205A LCA10427-02*	SFP-9107A LCA10427-03*	SFP-9108A LCA10427-04*	SFP-9510A LCA10427-08*	SFP-9303A LCA10427-06*	SFP-9304A LCA10427-07*	SFP-9110A LCA10427-09*	SFP-9119A LCA10427-11*	SFP-9513A LCA10427-12*	SFP-9207A LCA10427-13*	SFP-9310A LCA10427-14*	SFP-9311A LCA10427-15*	SFP-9519A LCA10427-16*
	OLLC05109	OLLC05109-02	OLLC05109-03	OLLC05109-04	OLLC05109-08	OLLC05109-06	OLLC05109-07	OLLC05109-09	OLLC05109-11	OLLC05109-12	OLLC05109-13	OLLC05109-14	OLLC05109-15	OLLC05109-16
LF9902	QQR1281-002	OPEN	QQR1281-002	OPEN	QQR1281-002	QQR1281-002	OPEN	QQR1281-002	QQR1281-002	QQR1281-002	QQR1281-002	QQR1281-002	QQR1281-002	QQR1281-002
C9915	OPEN	QFZ9075-224	OPEN	OPEN	OPEN	OPEN	QFZ9075-224	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C9916	QFZ9075-224	OPEN	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224	OPEN	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224	QFZ9075-224
CN90E3	QUB070-26FPHM	OPEN	QUB070-26FPHM	OPEN	QUB070-26FPHM	QUB070-26FPHM	OPEN	OPEN	OPEN	QUB070-26FPHM	OPEN	OPEN	OPEN	QUB070-26FPHM


J9901
*
AC INLET
(NOISE)
AC110V - AC240V
50/60Hz
F9901
QMFZ041-100-J1
R9902
QRZ9046-105Z
VA9901
ERZV10V621CS
C9901
2.2
QFZ9073-225
Y9903
OPEN
Y9904
OPEN
LF9901
QQR1281-002
Y9901
OPEN
Y9902
OPEN
C9915
*
Y9907
*
Y9908
*
LF9902
*
Y9905
*
Y9906
*
C9916
*
Y9911
BW1
Y9912
BW1
LF9903
OPEN
Y9909
BW1
Y9910
BW1
Y9915
BW1
Y9916
BW1
LF9904
OPEN
Y9913
BW1
Y9914
BW1
C9904
OPEN
CN90PW
WJK0050-008A
MAIN POWER UNIT
CN8001
SG9901
OPEN
Y9922
*
GAP1
7mm
GAP2
3.5mm
LIVE (⊥)
CN90E1
QUB03K
-08FPHM
MAIN BASE
Y9920
OPEN
GND2
VA9902
OPEN
C9912
QCZ9079-681
C9913
QCZ9079-681
Y9918
BW1
Y9917
BW1
C9911
OPEN
C9914
OPEN
OPEN
CN90E4
OPEN
K9902
BW2
CN90E3
*
PDP UNIT
Y9919
OPEN
GND3
GND
ISOLATED
K9901
BW2
CN90E2
OPEN
Y9921
OPEN
GND4

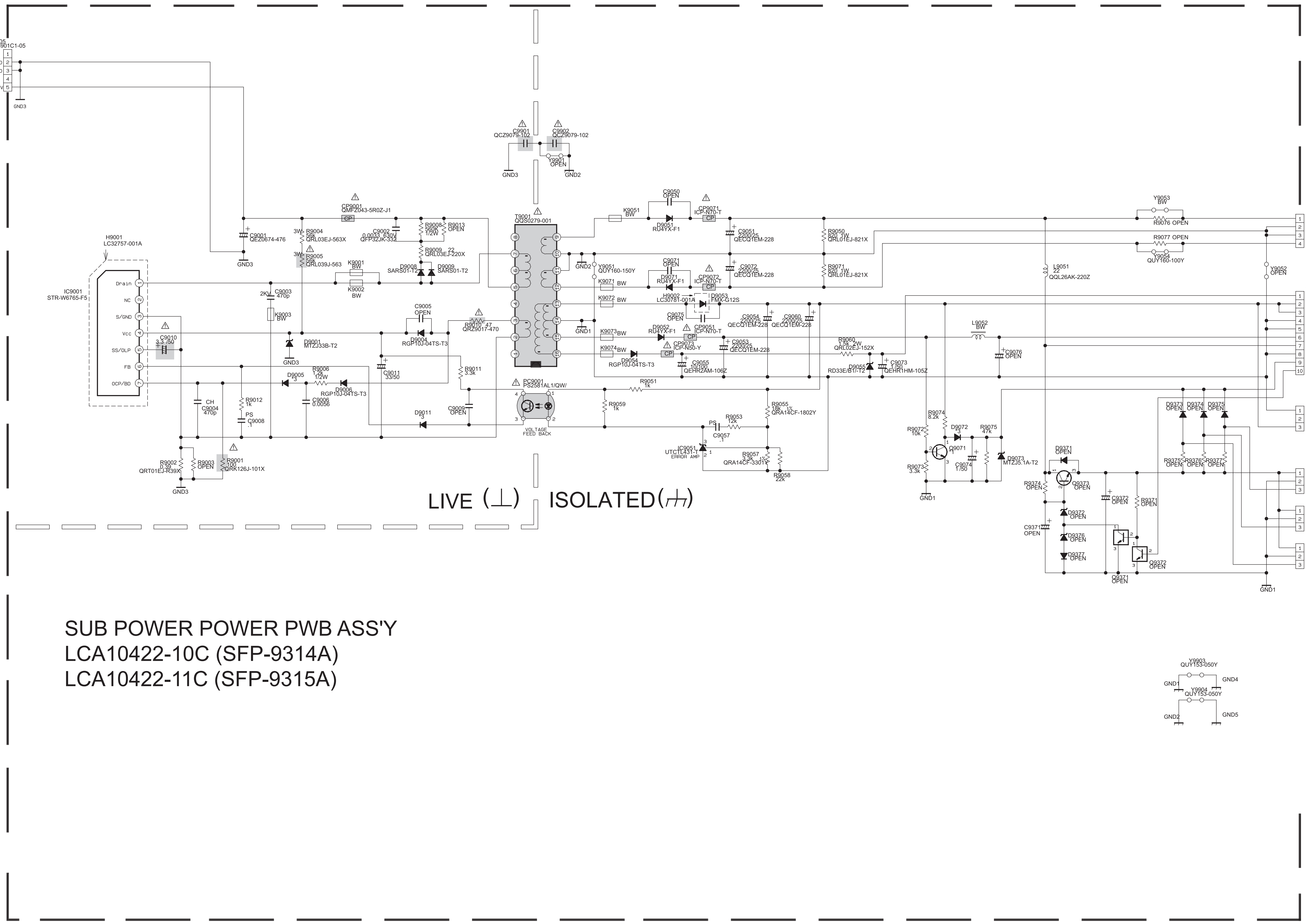
* DIFFERENCE LIST 2

MODEL	PD-42B50BJA PD-42B50BJA	PD-35B50BJA PD-35B50BUA PD-35S50JA	PD-42DV50A PD-42XV70A	PD-35DV50A	PD-42V475SA PD-42V485SA	PD-Z42DV4A PD-Z42DV4SA PD-Z42DV4CA	PD-Z35DV4A PD-Z35DV4SA	PD-42DV50D	PD-42DH50B	PD-42X575KNA PD-42X575TNA	PD-42X50BUA PD-42X50BJA	PD-Z42DV4A	PD-Z42DV4CA PD-Z42DV4SA	PD-42V475TSA PD-42V485TSA
ASSY NO.	SFP-9204A LCA10427-01*	SFP-9205A LCA10427-02*	SFP-9107A LCA10427-03*	SFP-9108A LCA10427-04*	SFP-9510A LCA10427-08*	SFP-9303A LCA10427-06*	SFP-9304A LCA10427-07*	SFP-9110A LCA10427-09*	SFP-9119A LCA10427-11*	SFP-9513A LCA10427-12*	SFP-9207A LCA10427-13*	SFP-9310A LCA10427-14*	SFP-9311A LCA10427-15*	SFP-9519A LCA10427-16*
	OLLC05109	OLLC05109-02	OLLC05109-03	OLLC05109-04	OLLC05109-08	OLLC05109-06	OLLC05109-07	OLLC05109-09	OLLC05109-11	OLLC05109-12	OLLC05109-13	OLLC05109-14	OLLC05109-15	OLLC05109-16
J9901	QNC0099-001	QNC0099-001	QMCB006-C01	QMCB006-C01	QNC0103-001	QNC0103-001	QNC0103-001	QMCB006-C01	QMCB006-C01	QNC0103-001	QNC0099-001	QNC0103-001	QNC0103-001	QNC0103-001
Y9905	OPEN	BW1	OPEN	BW1	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y9906	OPEN	BW1	OPEN	BW1	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y9907	OPEN	BW1	OPEN	BW1	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y9908	OPEN	BW1	OPEN	BW1	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Y9922	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	OPEN	OPEN

LINE FILTER PWB ASS'Y
LCA10427-14A (SFP-9310A)
LCA10427-15A (SFP-9311A)

s10219001b_0930_1/1_0.0

SUB POWER PWB CIRCUIT DIAGRAM SHEET 27

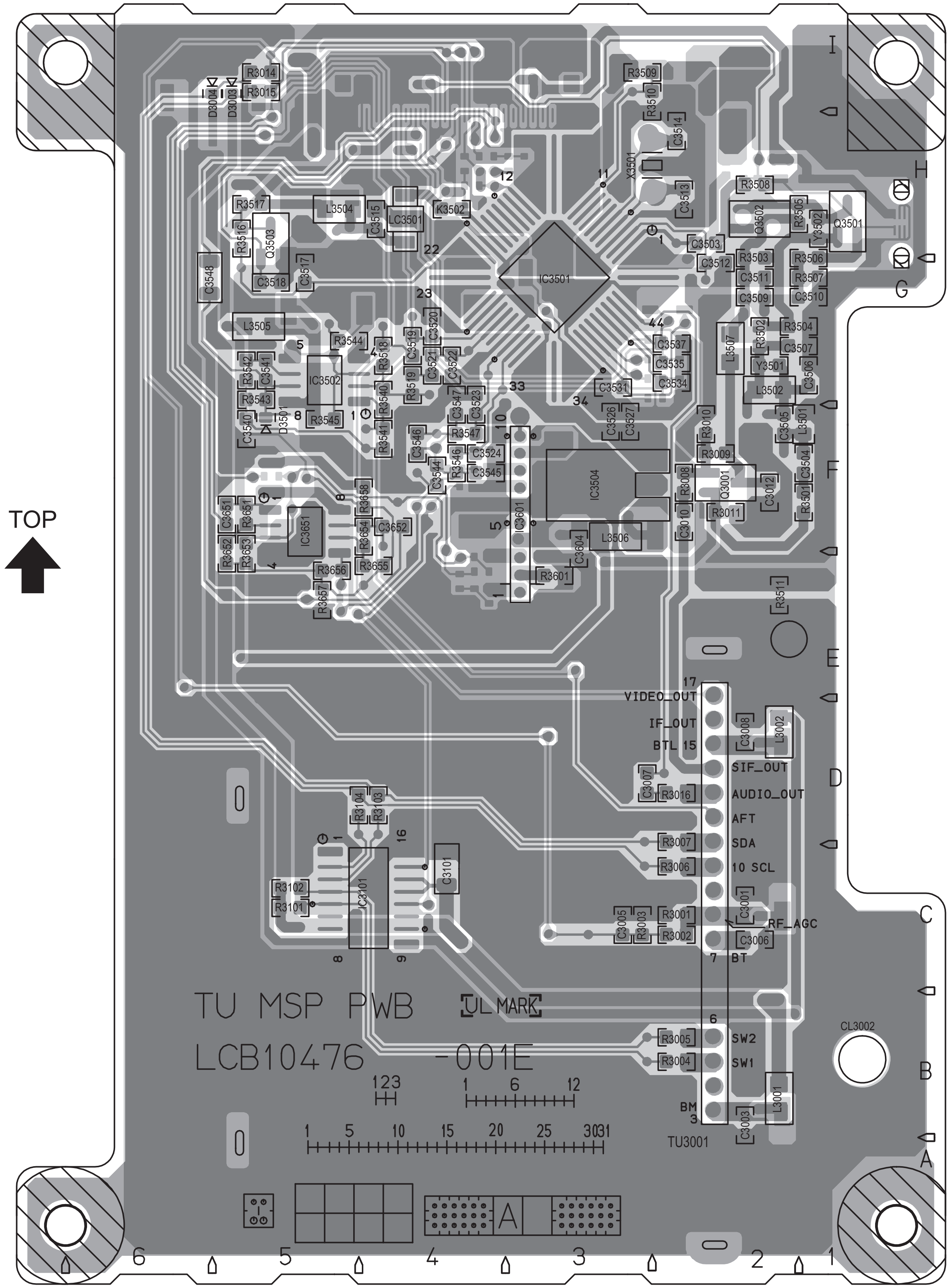

MAIN POWER UNIT
CN8009
CN9005
QGA3901C1-05
GND3
GND1
GND2
H9001
LC32757-001A
IC9001
STR-W6765-F5
Drain
NC
S/GND
Vcc
SS/OLP
FB
OCP/BD
C9901
QCZ9079-102
C9902
QCZ9079-102
Y9901
OPEN
T9001
QQS0279-001
CP9001
QMFZ043-5R0Z-J1
C9001
QEZ0674-476
R9004
QRL03EJ-563X
R9005
QRL039J-563
C9002
0.0033 630V
QFP32JK-332
R9008
R9013
OPEN
R9009
QRL03EJ-220X
D9008
SARS01-T2
D9009
SARS01-T2
K9001
BW
K9002
BW
C9003
470p
K9003
BW
C9005
OPEN
D9004
RGP10J-04TS-T3
R9010
QRZ9017-470
D9001
MTZJ33B-T2
C9010
D9005
R9006
C9011
33/50
R9011
3.3k
D9006
RGP10J-04TS-T3
C9006
0.0056
CH
C9004
470p
R9012
1k
PS
C9008
R9002
QRT01EJ-R39X
R9003
OPEN
R9001
QRK126J-101X
D9011
C9009
OPEN
PC9001
PS2581AL1/QW/
VOLTAGE FEED BACK
R9059
1k
R9051
1k
K9051
BW
C9050
OPEN
D9051
RU4YX-F1
CP9071
ICP-N70-T
C9051
QECQ1EM-228
Y9051
QUY160-150Y
C9071
OPEN
D9071
RU4YX-F1
CP9072
ICP-N70-T
C9072
QECQ1EM-228
K9071
BW
K9072
BW
H9002
LC30781-001A
D9053
FMX-G12S
C9075
OPEN
C9054
QECQ1EM-228
C9060
QECQ1EM-228
K9073
BW
D9052
RU4YX-F1
CP9051
ICP-N70-T
CP9073
ICP-N50-Y
C9053
QECQ1EM-228
K9074
BW
D9054
RGP10J-04TS-T3
C9055
QEHR2AM-106Z
R9053
12k
C9057
R9055
QRA14CF-1802Y
IC9051
UTCTL431-T
ERROR AMP
R9057
QRA14CF-3301Y
R9058
22k
R9050
QRL01EJ-821X
R9071
QRL01EJ-821X
L9051
QQL26AK-220Z
R9060
QRL02EJ-152X
D9055
RD33E/B1/-T2
C9073
QEHR1HM-105Z
L9052
BW
C9076
OPEN
Y9053
BW
R9076 OPEN
R9077 OPEN
Y9054
QUY160-100Y
Y9052
OPEN
CN9001
QGA2501C5-04Z
AUDIO_VCC P
AUDIO_GND
AUDIO_GND
AUDIO_VCC N
AUDIO PWB ASS'Y
CN600Y (SHEET21)
CN9010
QGA2501C1-10
BT32V
19V
19V
GND
GND
11V
13.5V
GND
LB_PRO
LB_POW
REGULATOR
PWB ASS'Y
CN008 (SHEET25)
CN9601
OPEN
GND
NC
19V
OPEN
R9074
8.2k
R9072
10k
D9072
Q9071
R9073
3.3k
C9074
R9075
47k
D9073
MTZJ5.1A-T2
GND1
D9373
OPEN
D9374
OPEN
D9375
OPEN
R9375
R9376
R9377
OPEN
D9371
OPEN
Q9373
OPEN
R9374
OPEN
C9372
OPEN
R9371
OPEN
D9372
OPEN
D9376
OPEN
D9377
OPEN
C9371
OPEN
Q9371
OPEN
Q9372
OPEN
CN97FR
OPEN
FAN VCC
GND
SENSE
OPEN
CN97FL
OPEN
CN97FC
OPEN
Y9903
QUY153-050Y
GND4
Y9904
QUY153-050Y
GND5
LIVE (⊥)
ISOLATED(⏚)

SUB POWER POWER PWB ASS'Y
LCA10422-10C (SFP-9314A)
LCA10422-11C (SFP-9315A)

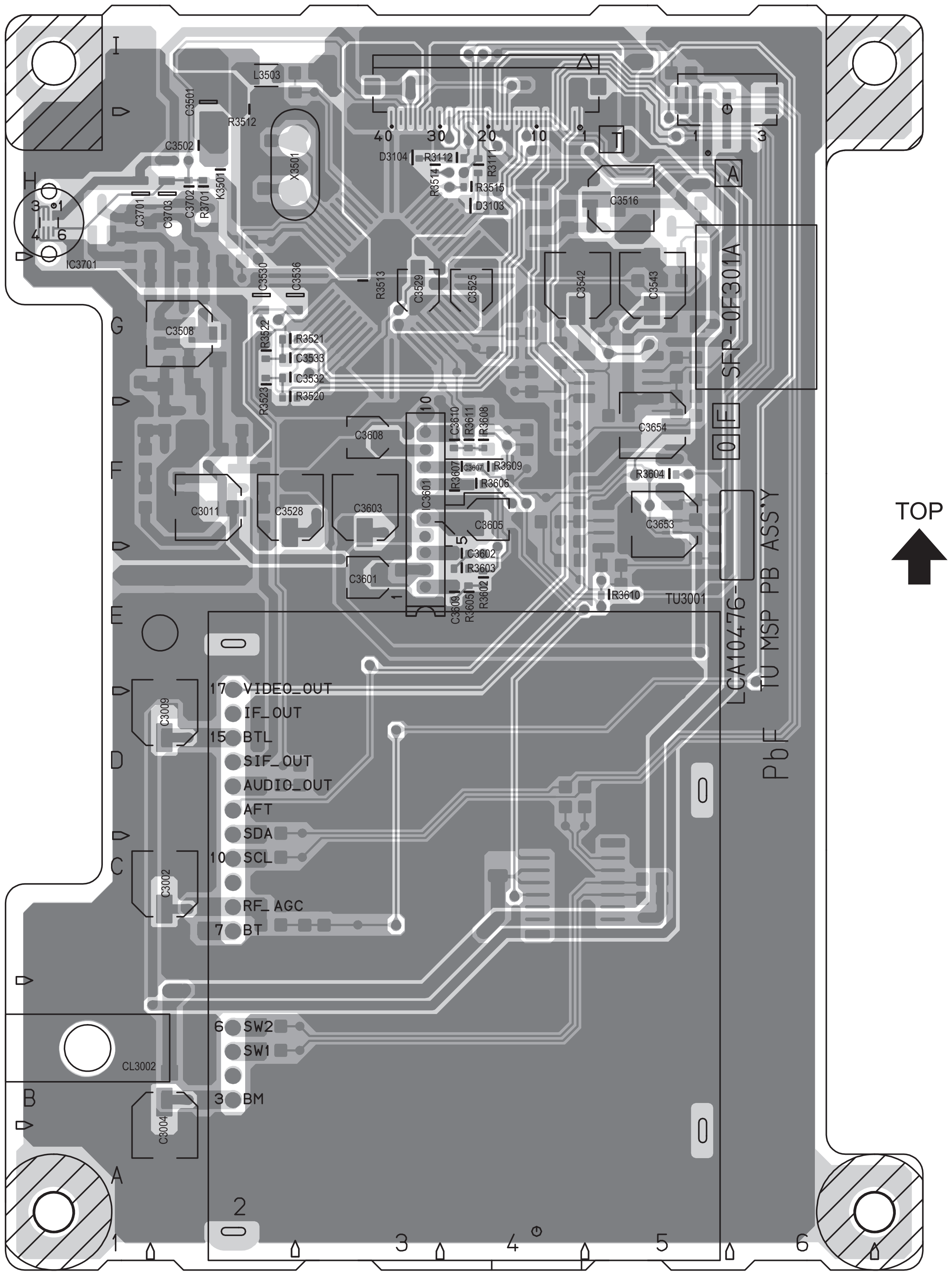
s10217001b_0930_1/1_0.0

PATTERN DIAGRAMS

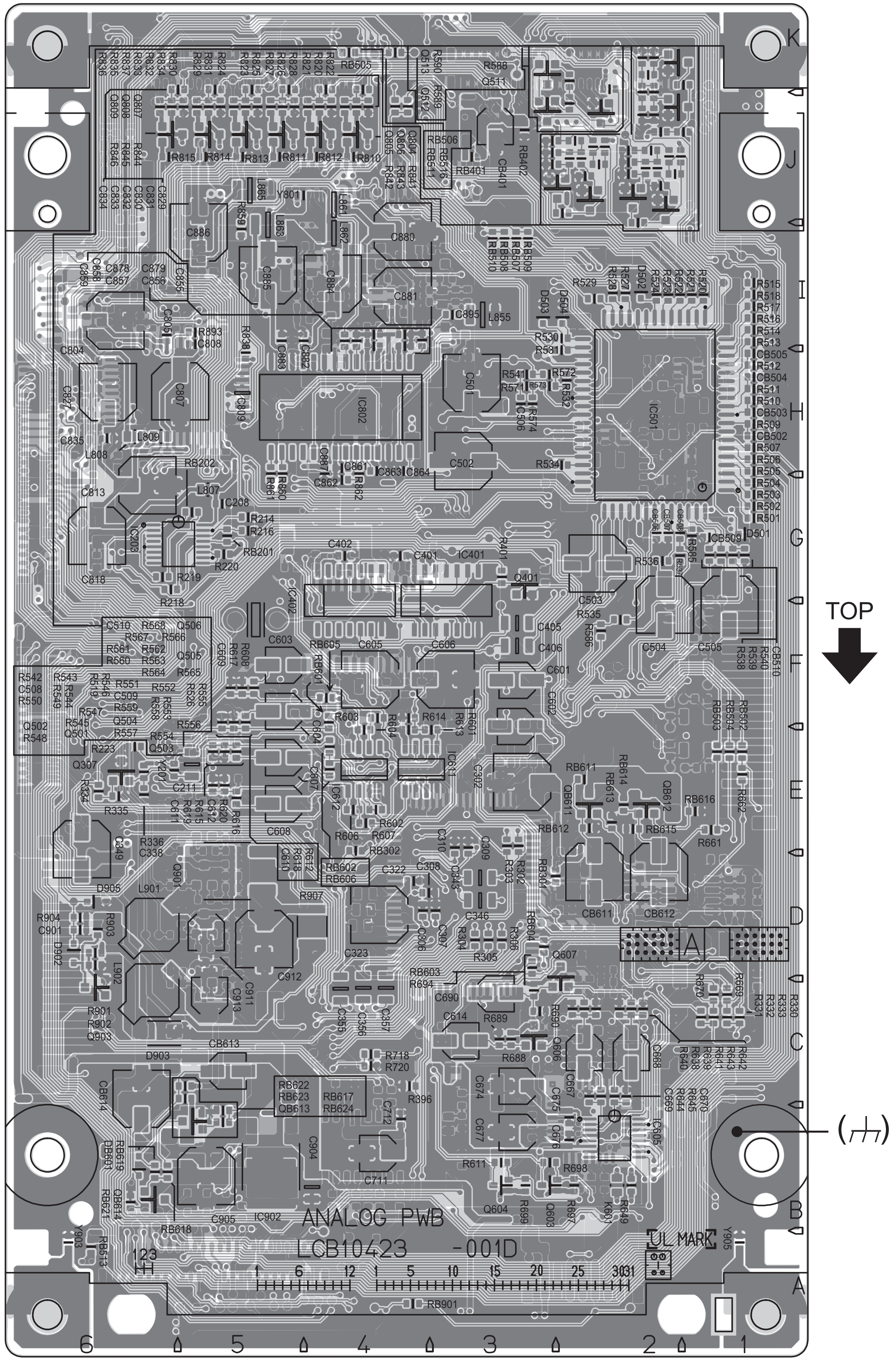
RECEIVER PWB PATTERN [SOLDER SIDE]


TOP
IC3501
IC3502
IC3504
IC3651
Q3501
Q3502
Q3503
X3501
Y3501
L3504
L3505
L3506
L3507
TU3001
CL3002
VIDEO_OUT
IF_OUT
BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
10 SCL
RF_AGC
7 BT
SW2
SW1
BM
TU MSP PWB
LCB10476
-001E
UL MARK
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

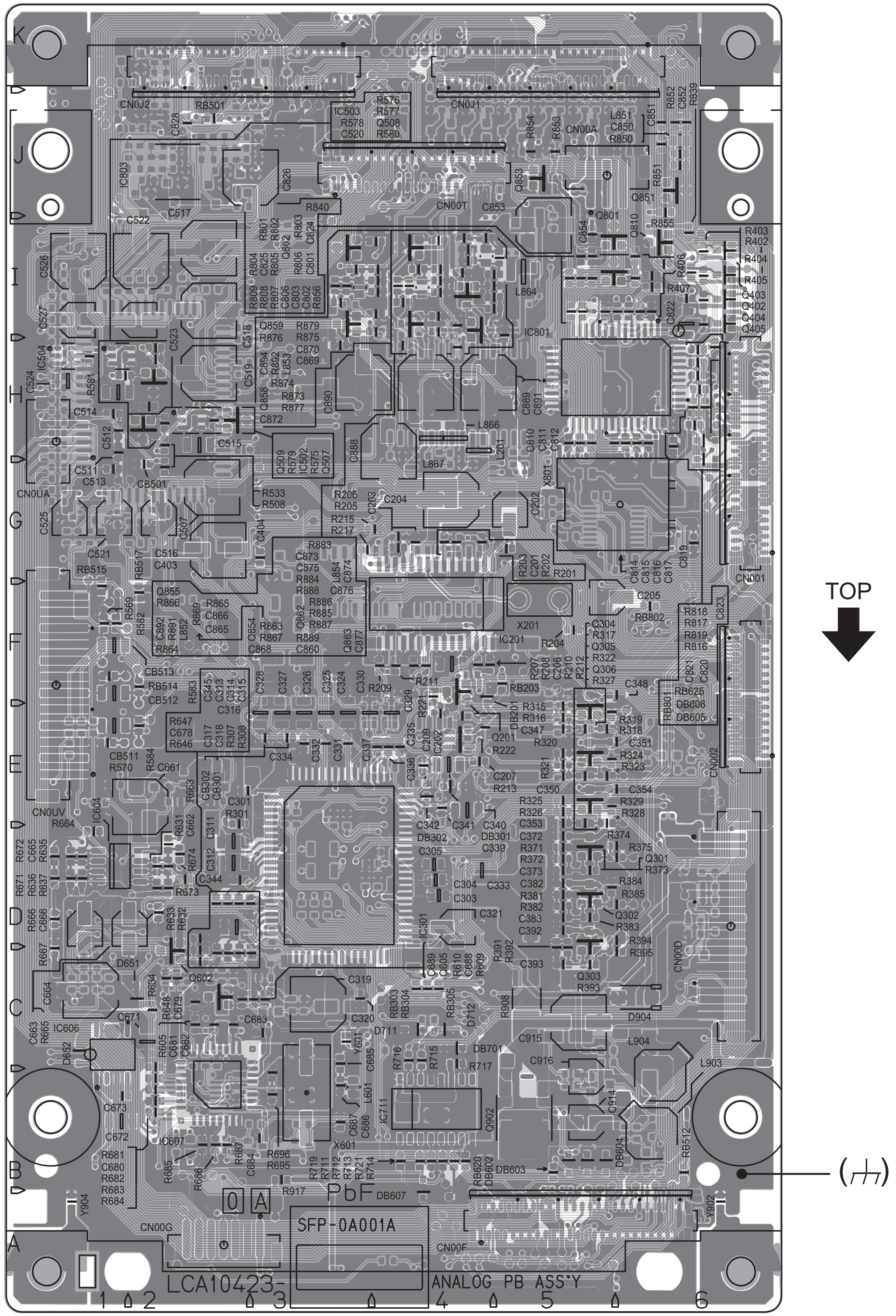
RECEIVER PWB PATTERN[PARTS SIDE]


TOP
IC3701
X3501
TU3001
CL3002
VIDEO_OUT
IF_OUT
BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
SCL
RF_AGC
BT
SW2
SW1
BM
SFP-0F301A
LCA10476-
TU MSP PB ASS'Y
PbF
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

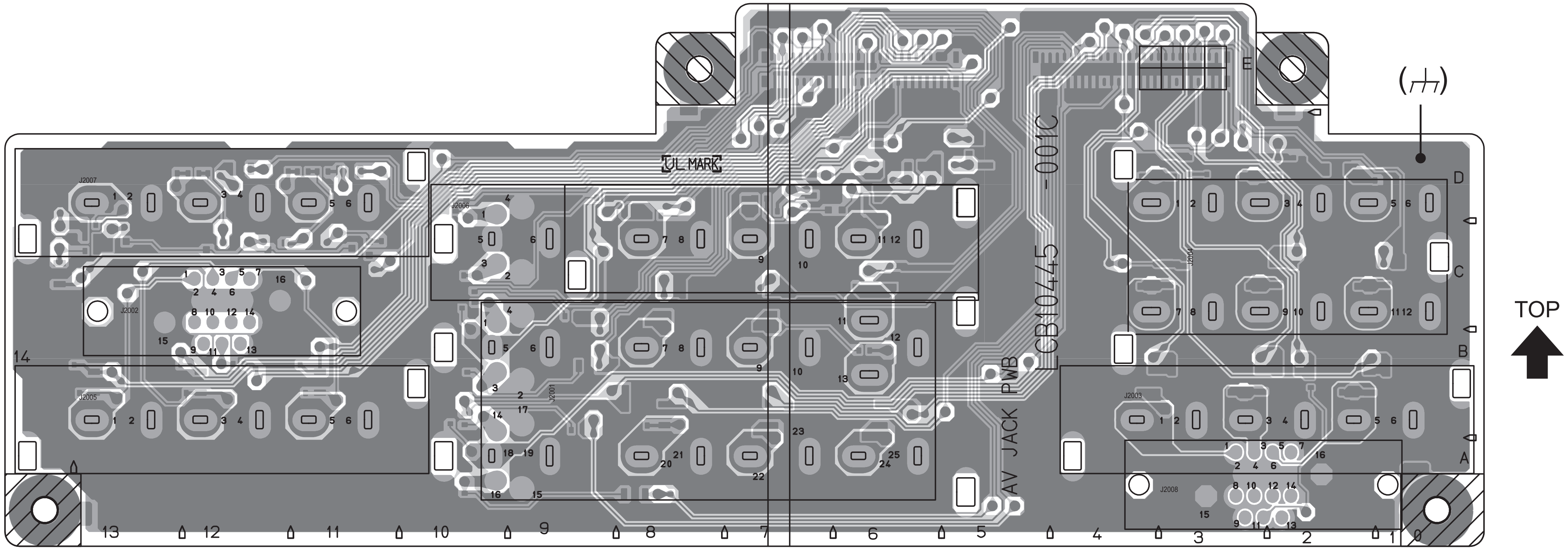
ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]


TOP
(⏊)
ANALOG PWB
LCB10423 -001D
UL MARK
K
J
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1

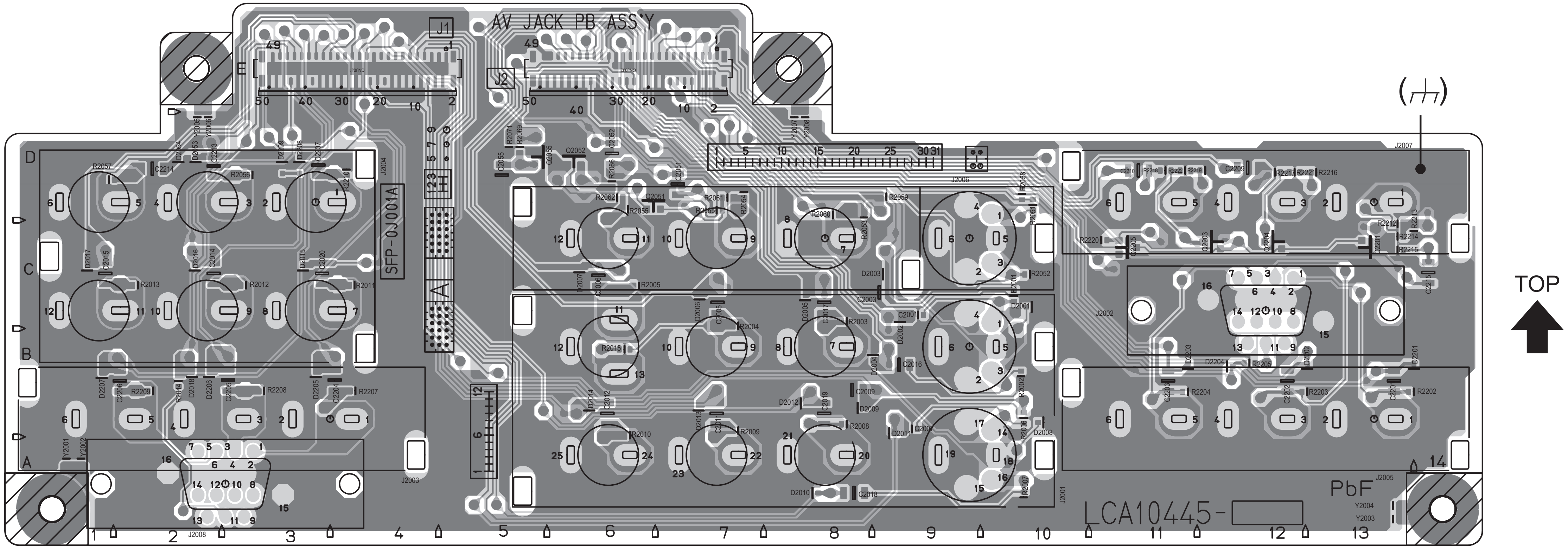
ANALOG SIGNAL PWB PATTERN [PARTS SIDE]


TOP
(⏊)
SFP-0A001A
LCA10423-
ANALOG PB ASS'Y
PbF
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6

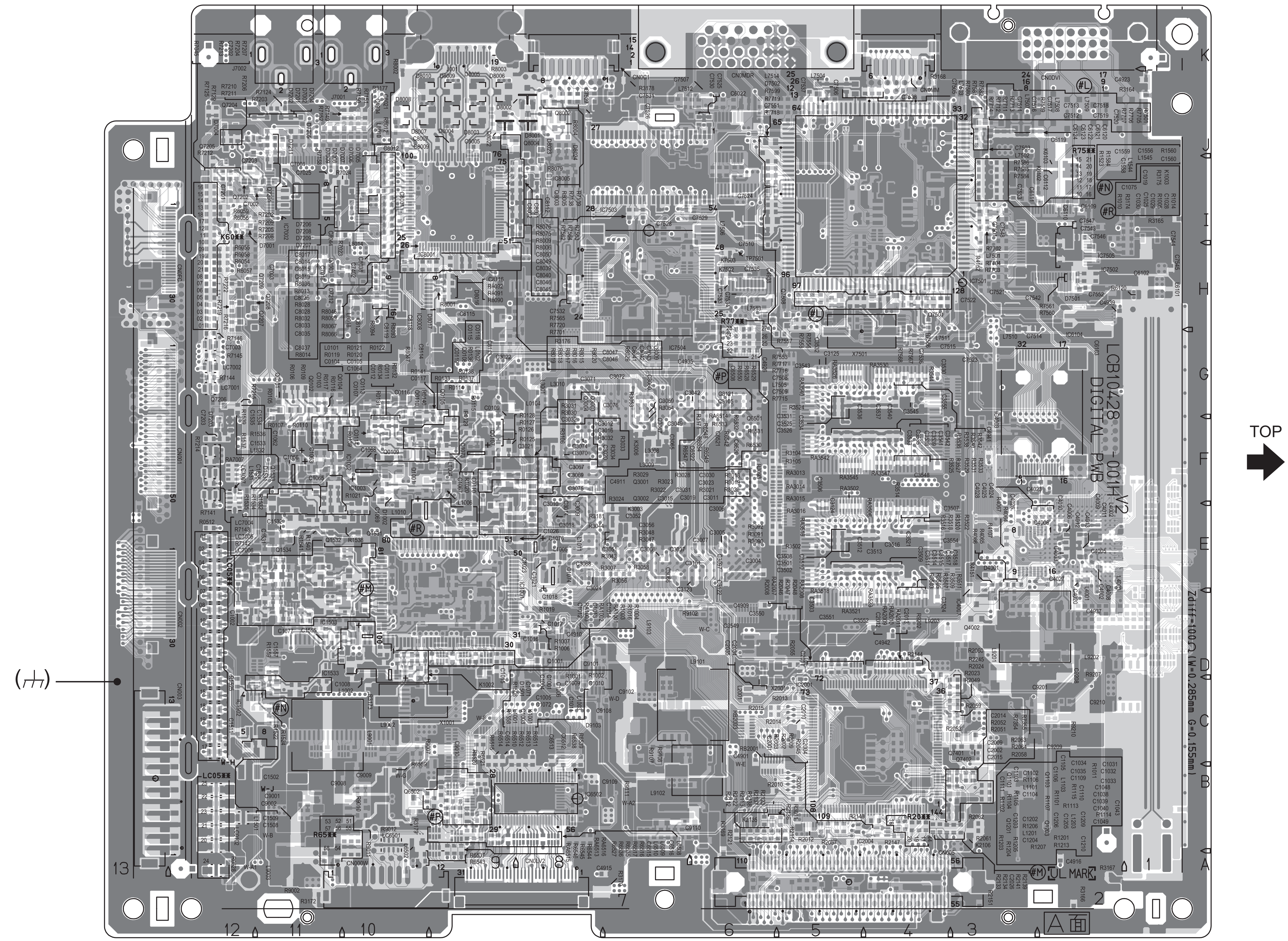
AV JACK PWB PATTERN [SOLDER SIDE]


UL MARK
LCB10445-001C
AV JACK PWB
J2007
J2006
J2002
J2005
J2001
J2003
J2004
J2008
E
D
C
B
A
TOP
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

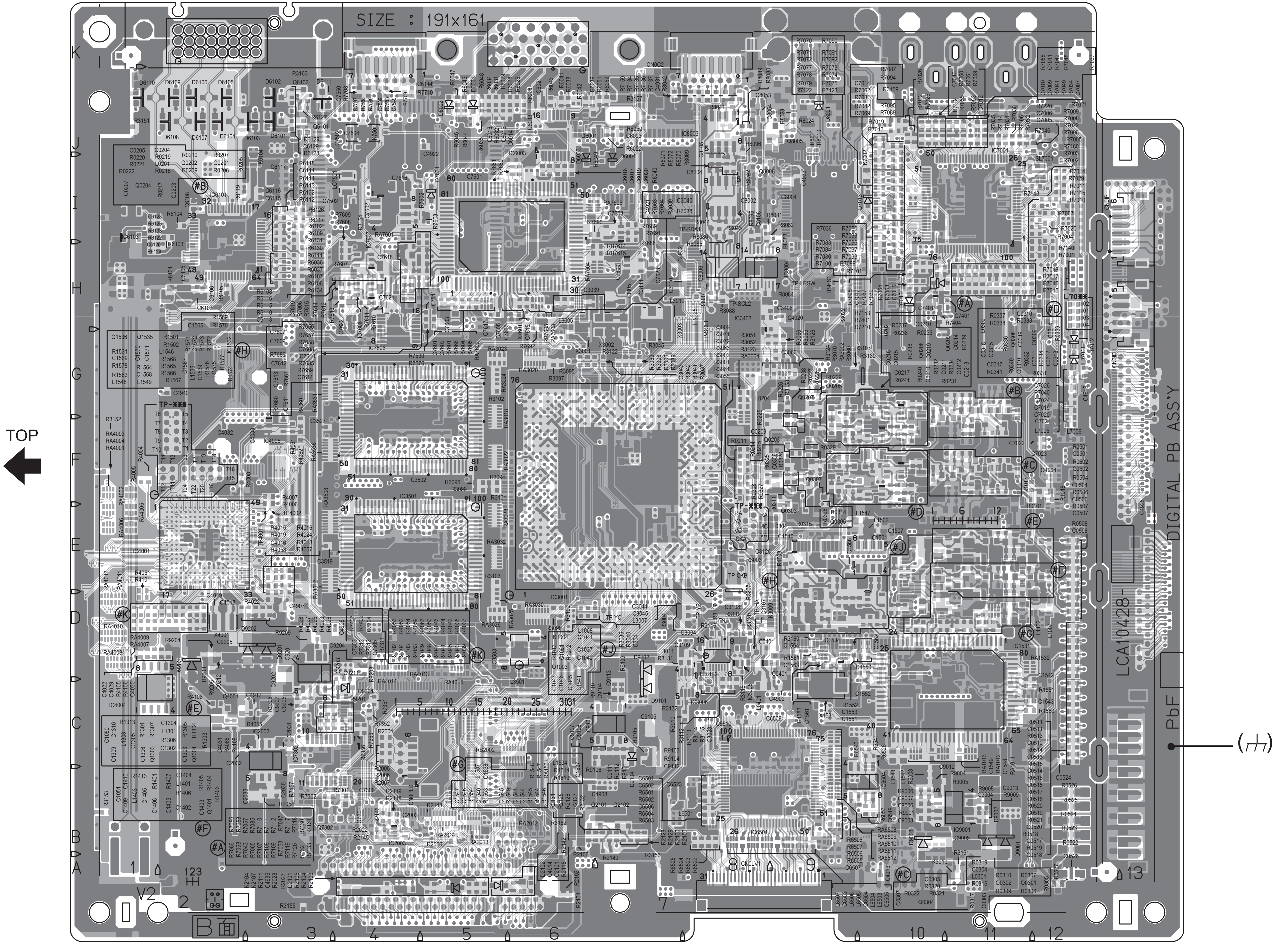
AV JACK PWB PATTERN [PARTS SIDE]


AV JACK PB ASS'Y
J1
J2
SFP-0J001A
LCA10445-
PbF
J2007
J2004
J2006
J2002
J2003
J2008
J2005
J2001
E
D
C
B
A
TOP
1
2
3
4
5
6
7
8
9
10
11
12
13

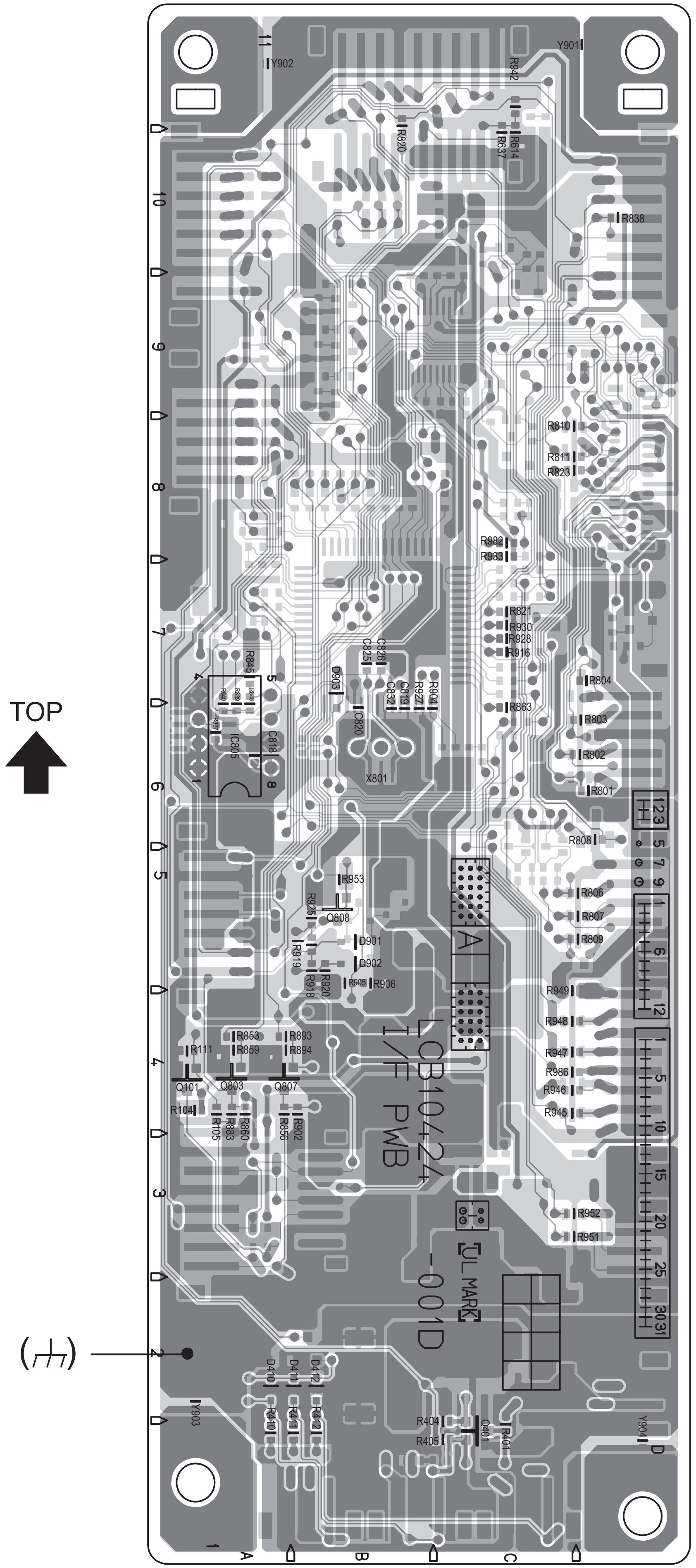
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]


TOP
LCB10428-001H V2
DIGITAL PWB
A面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13

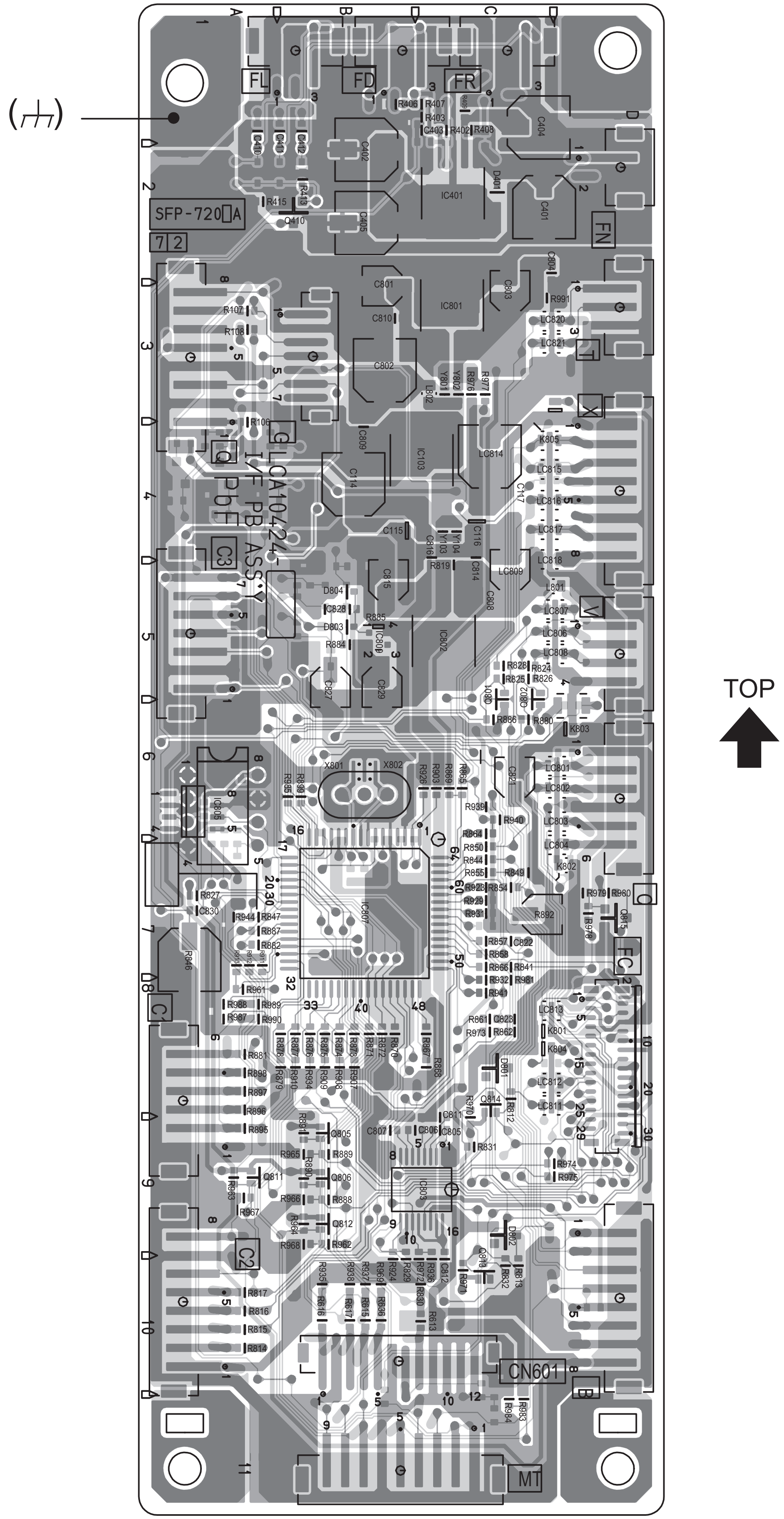
DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]


SIZE : 191x161
TOP
DIGITAL PB ASS'Y
LCA10428-
PbF
(ハ)
B面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
V2

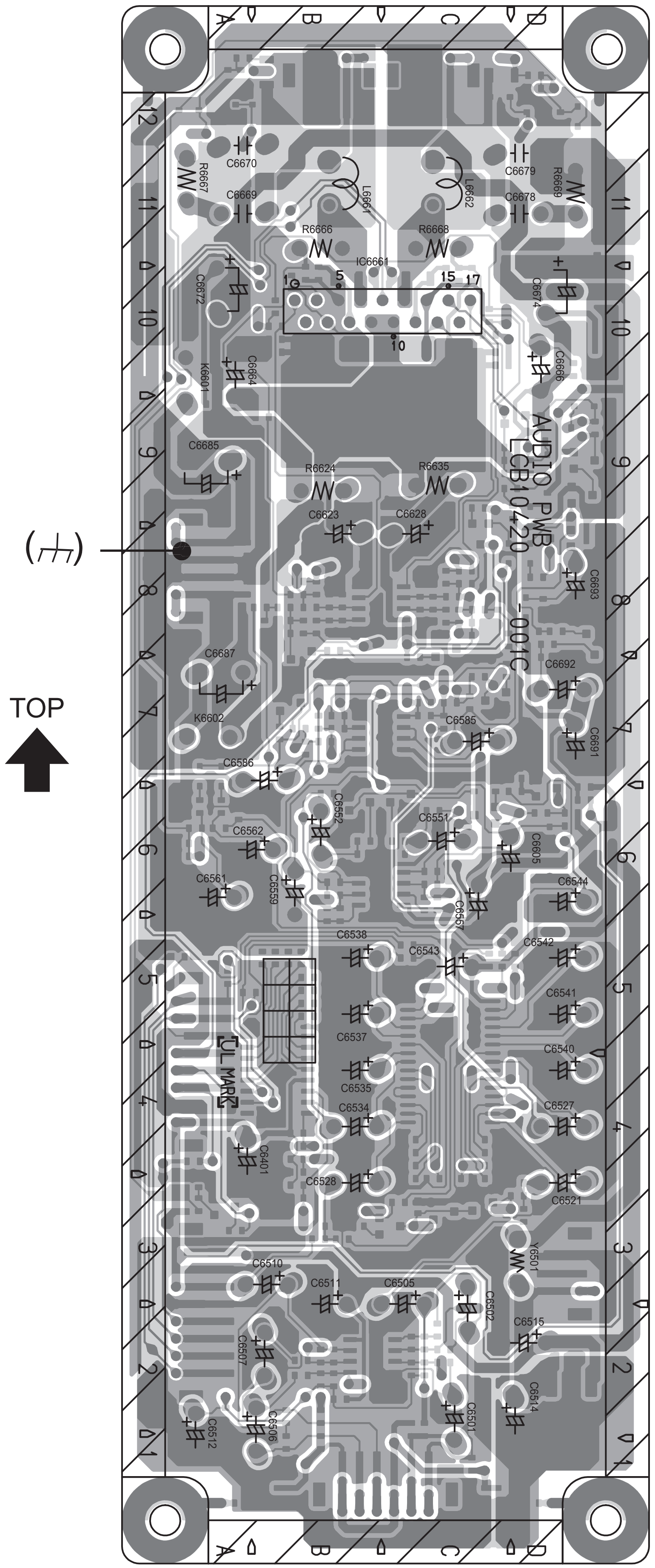
INTERFACE PWB PATTERN [SOLDER SIDE]


TOP
Y902
Y901
R942
R838
X801
IC805
LCB10424
I/F PWB
-001D
UL MARK
Y903
Y904
A
B
C
D

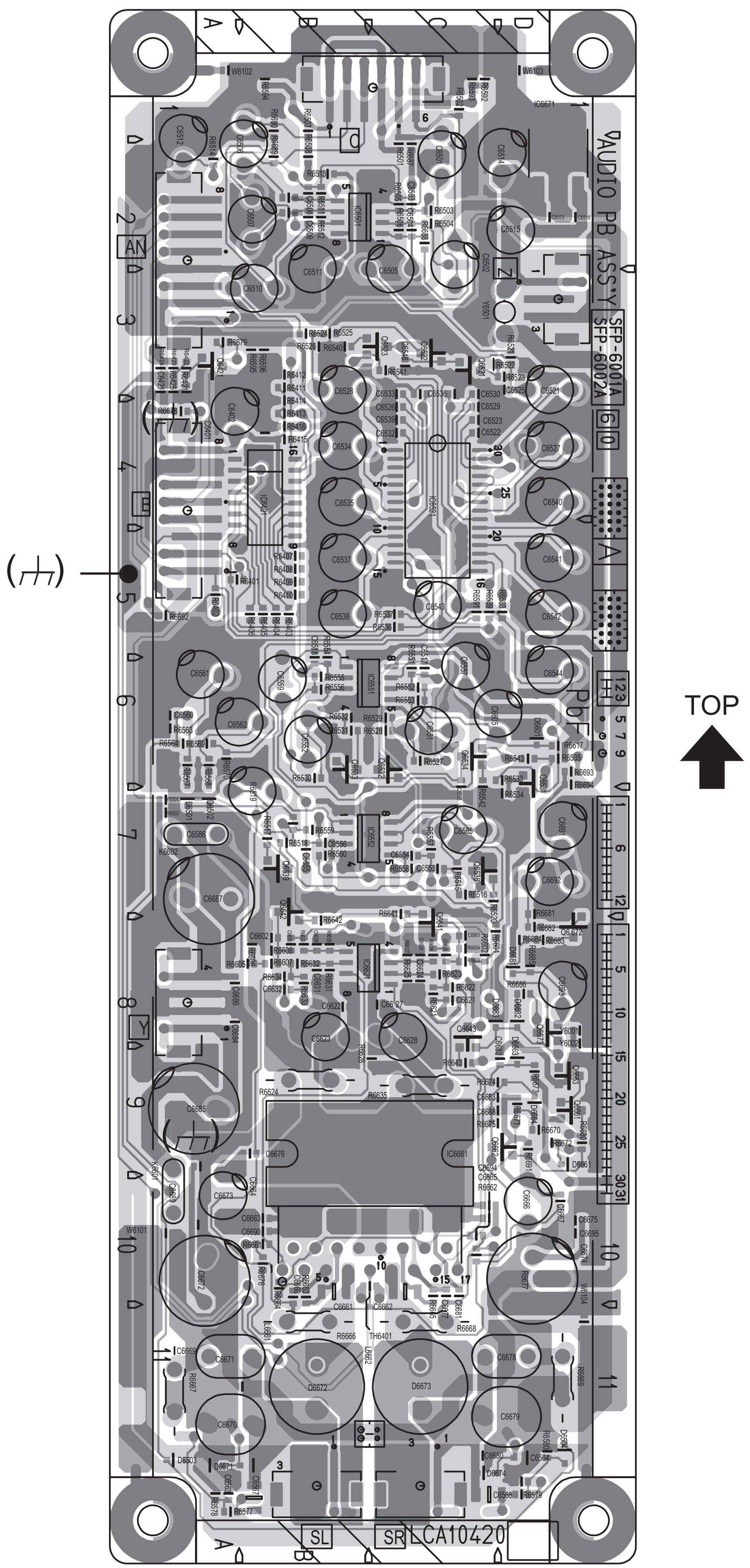
INTERFACE PWB PATTERN [PARTS SIDE]


FL
FD
FR
FN
SFP-720 A
7 2
IC401
IC801
IC103
IC802
LCA10424-
I/F PB ASS'Y
X801
X802
C3
C2
C1
FC
CN601
MT
TOP
A
B
C
D

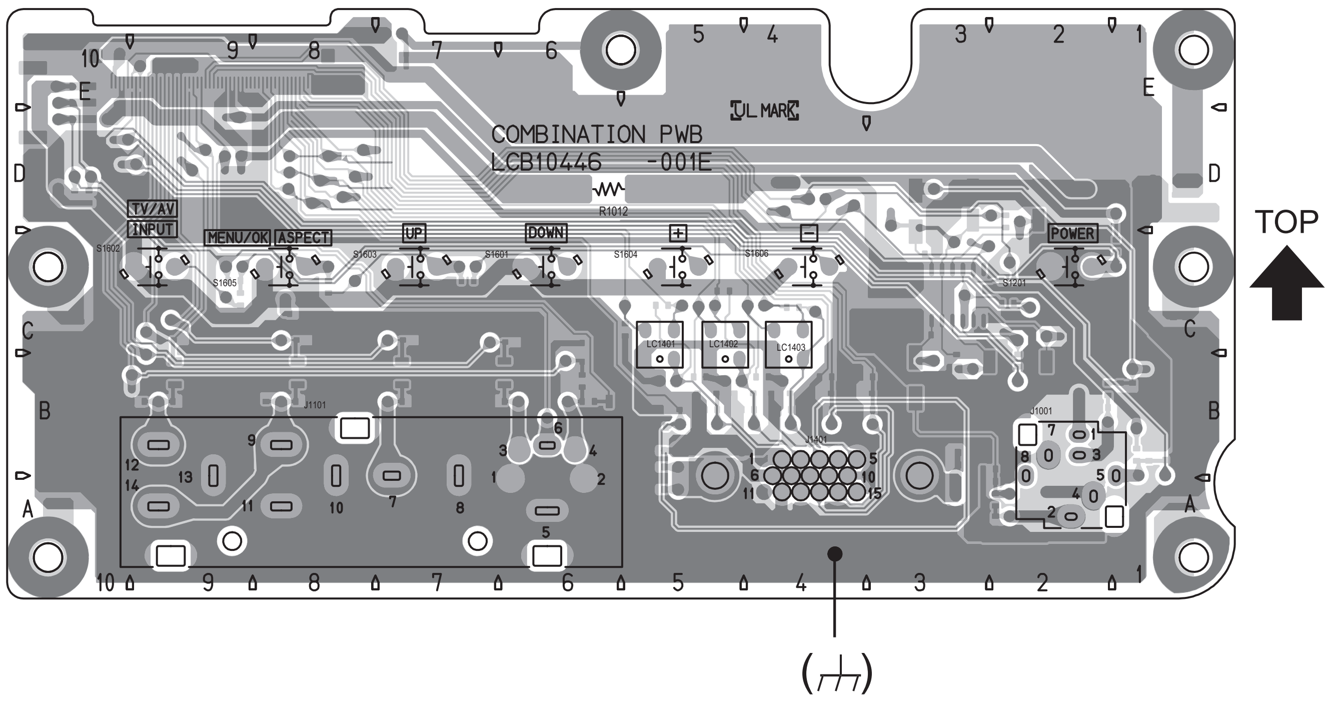
AUDIO PWB PATTERN [SOLDER SIDE]


(⏚)
TOP
AUDIO PWB
LCB10420-001C
A
B
C
D
1
2
3
4
5
6
7
8
9
10
11
12

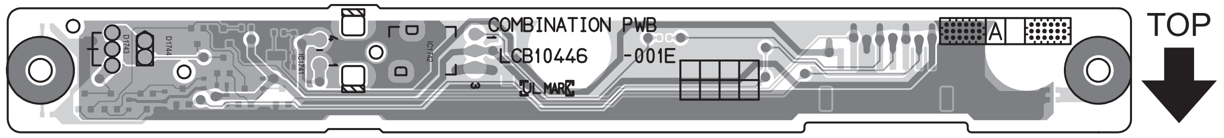
AUDIO PWB PATTERN [PARTS SIDE]


(⏚)
TOP
AUDIO PB ASS'Y SFP-6001A
SFP-6002A
LCA10420
SL
SR
A
B
C
D
1
2
3
4
5
6
7
8
9
10
11

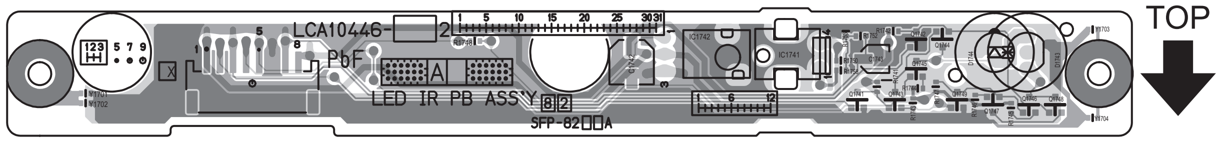
FRONT CONTROL PWB PATTERN [SOLDER SIDE]


COMBINATION PWB
LCB10446 -001E
UL MARK
R1012
TV/AV INPUT
MENU/OK
ASPECT
UP
DOWN
+
−
POWER
LC1401
LC1402
LC1403
J1101
J1401
J1001
TOP
A
B
C
D
E
1
2
3
4
5
6
7
8
9
10
(⏚)

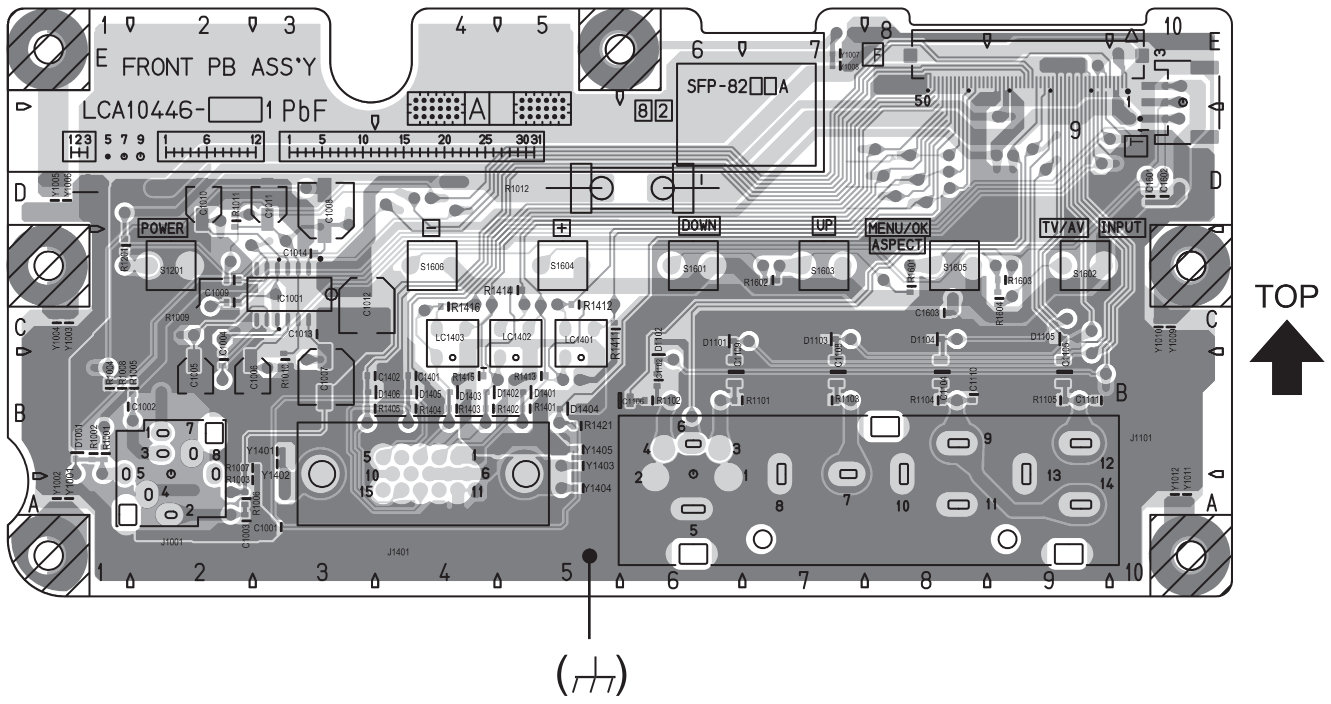
FRONT LED PWB PATTERN [SOLDER SIDE]


COMBINATION PWB
LCB10446 -001E
UL MARK
A
TOP

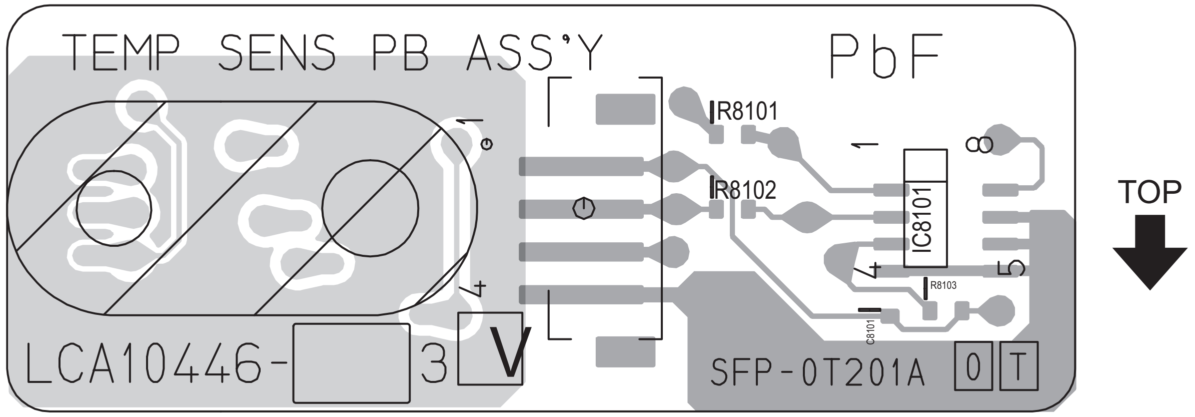
FRONT LED PWB PATTERN [PARTS SIDE]


LCA10446-
2
PbF
A
LED IR PB ASS'Y
8 2
SFP-82□□A
1 5 10 15 20 25 30 31
TOP

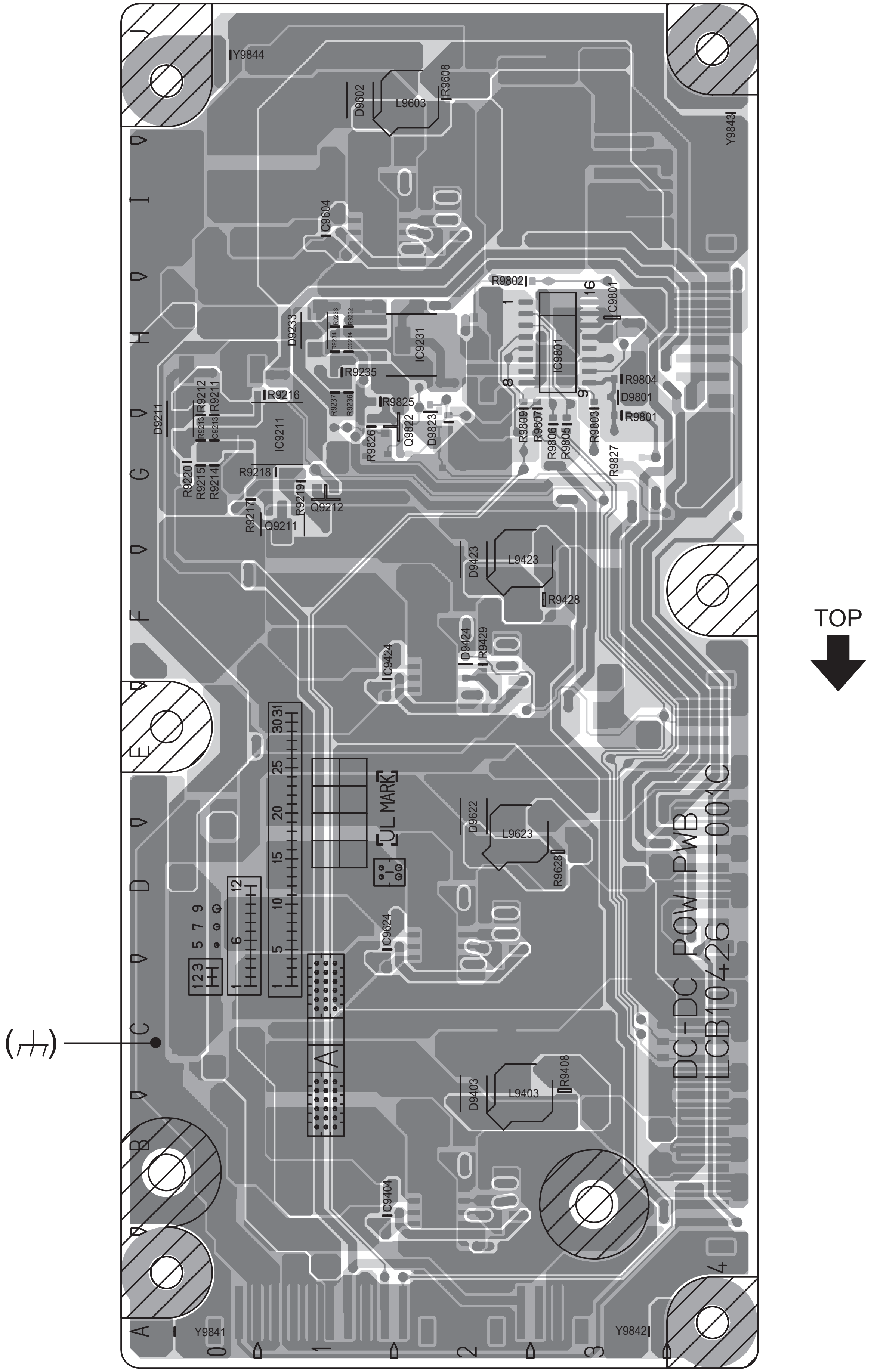
FRONT CONTROL PWB PATTERN [PARTS SIDE]


FRONT PB ASS'Y
LCA10446-
1 PbF
A
8 2
SFP-82□□A
POWER
−
+
DOWN
UP
MENU/OK
ASPECT
TV/AV
INPUT
S1201
S1606
S1604
S1601
S1603
S1605
S1602
IC1001
LC1403
LC1402
LC1401
R1012
R1410
R1412
R1421
J1101
J1401
J1001
TOP
A
B
C
D
E
1
2
3
4
5
6
7
8
9
10
(⏚)

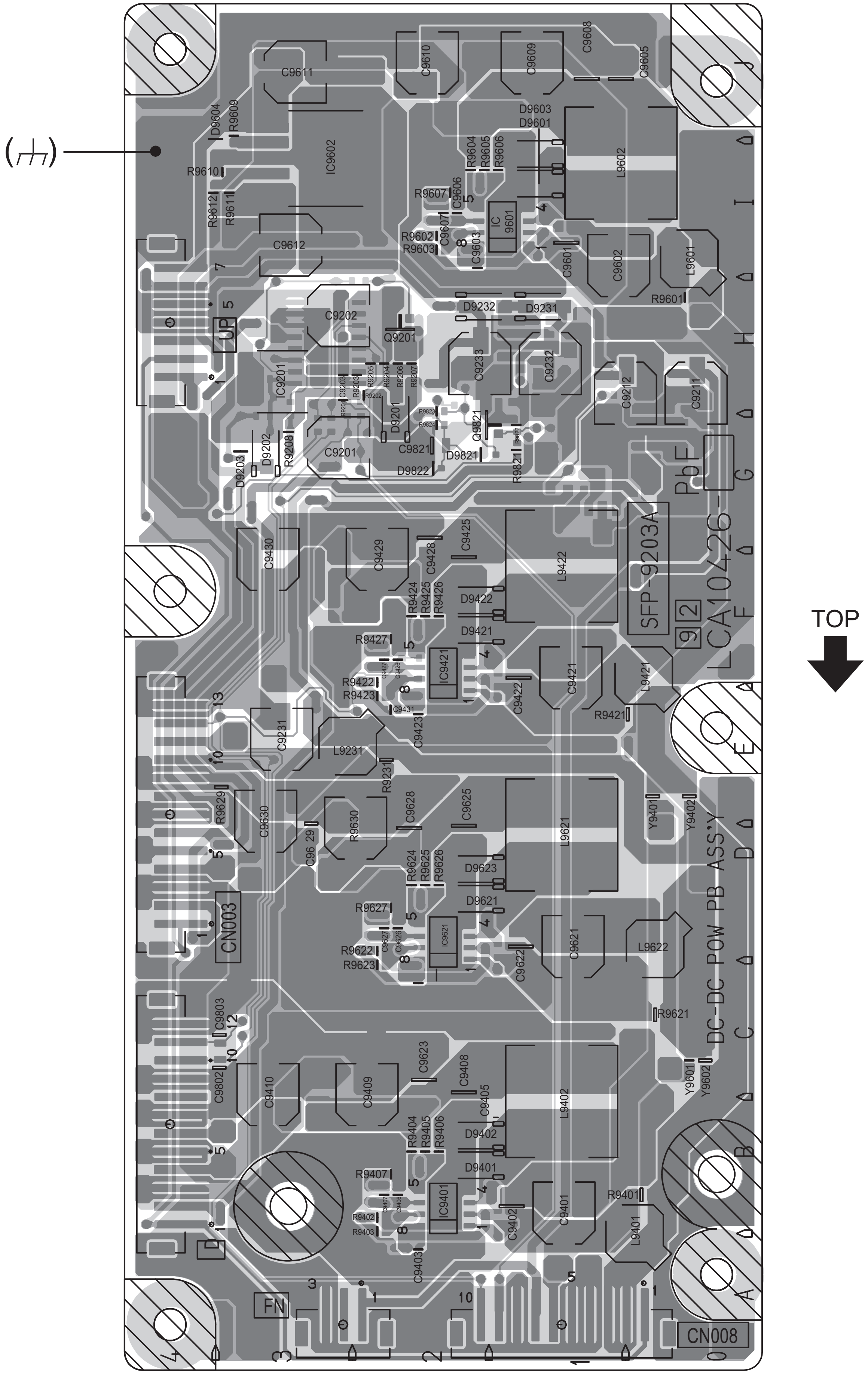
TEMP. SENSOR PWB PATTERN


TEMP SENS PB ASS'Y
PbF
R8101
R8102
IC8101
R8103
C8101
LCA10446-
3
V
SFP-0T201A
0
T
TOP

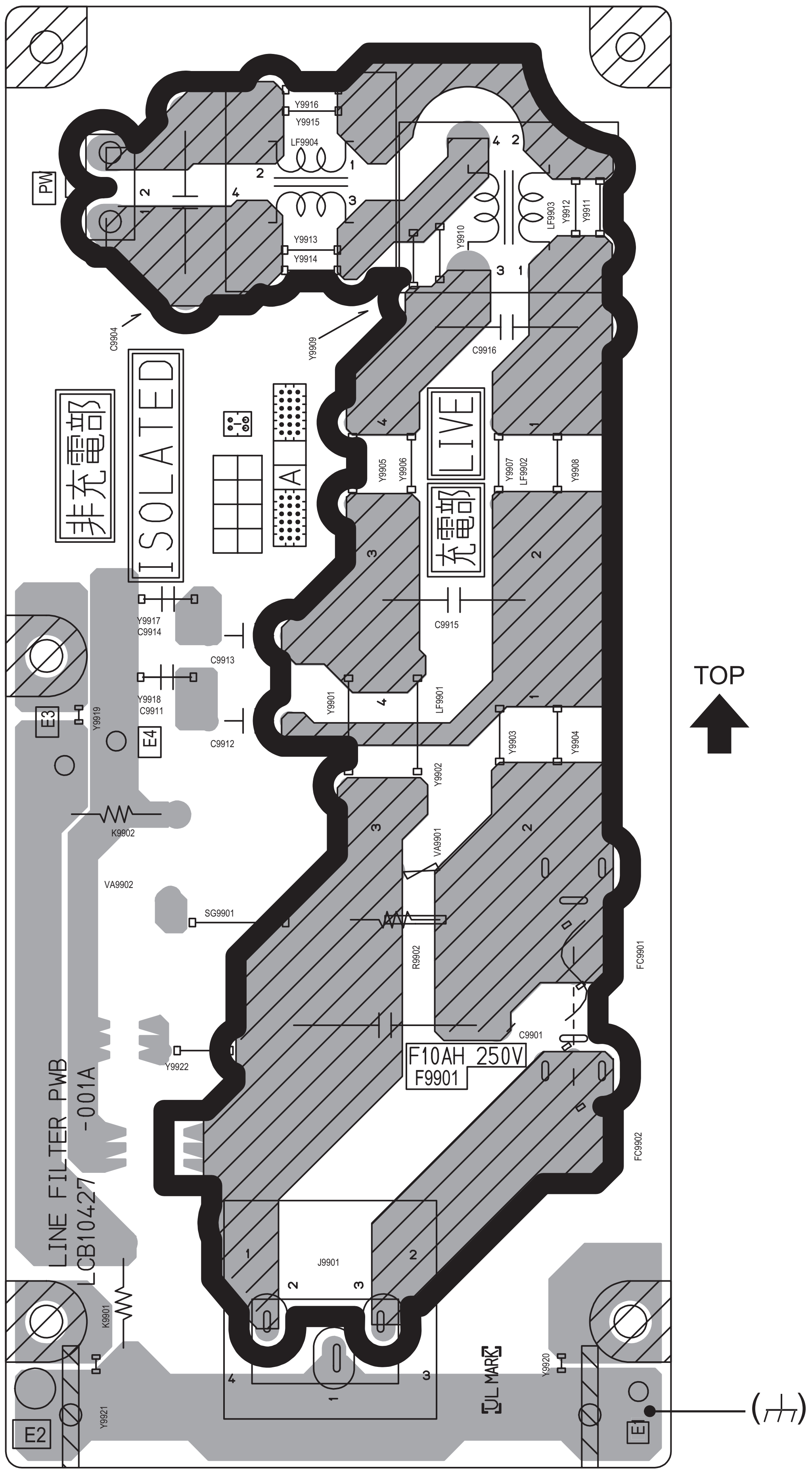
REGULATOR PWB PATTERN [SOLDER SIDE]


Y9844
D9602
L9603
R9608
Y9843
C9604
R9802
16
C9801
IC9801
R9804
D9801
R9801
R9827
8
9
D9233
IC9231
R9235
R9825
Q9822
D9823
R9826
R9216
R9212
R9211
D9211
IC9211
R9218
R9220
R9215
R9214
R9219
Q9212
R9217
Q9211
D9423
L9423
R9428
D9424
R9429
C9424
D9622
L9623
R9628
C9624
D9403
L9403
R9408
C9404
UL MARK
A
30
31
25
20
15
10
5
1
12
6
1
2
3
5
7
9
DC-DC POW PWB
LCB10426 -001C
Y9841
Y9842
TOP
A
B
C
D
E
F
G
H
I
J
0
1
2
3
4

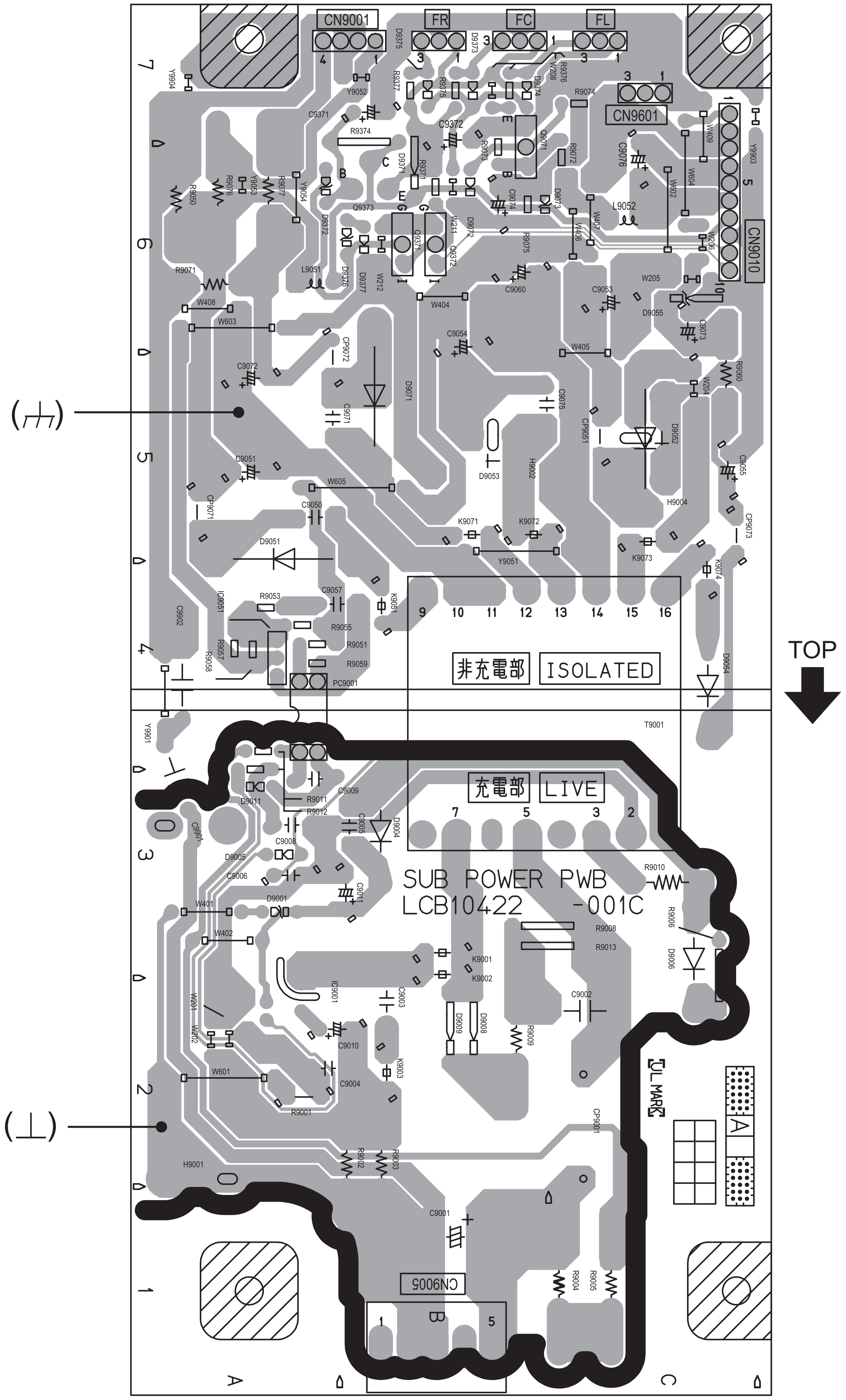
REGULATOR PWB PATTERN [PARTS SIDE]


C9611
C9610
C9609
C9608
C9605
D9604
R9609
IC9602
D9603
D9601
R9604
R9605
R9606
L9602
R9610
R9607
C9606
IC9601
R9612
R9611
C9612
R9602
R9603
C9607
C9603
C9601
C9602
L9601
R9601
UP
C9202
D9232
D9231
Q9201
C9233
C9232
C9212
C9211
IC9201
D9201
C9821
Q9821
D9821
D9822
C9201
D9202
D9203
R9821
P0F
SFP-9203A
LCA10426-
C9430
C9429
C9428
C9425
L9422
R9424
R9425
R9426
D9422
D9421
R9427
IC9421
C9422
C9421
L9421
R9421
R9422
R9423
C9423
C9231
L9231
R9231
R9629
C9630
R9630
C9628
C9625
L9621
Y9401
Y9402
R9624
R9625
R9626
D9623
D9621
R9627
IC9621
C9622
C9621
L9622
R9622
R9623
CN003
R9621
C9803
C9802
C9410
C9409
C9623
C9408
C9405
L9402
Y9601
Y9602
R9404
R9405
R9406
D9402
D9401
R9407
IC9401
C9402
C9401
R9401
L9401
R9402
R9403
C9403
DC-DC POW PB ASS'Y
FN
CN008
TOP
1
4
5
8
10
12
13
A
B
C
D
E
F
G
H
I
J
0
1
2
3
4

LINE FILTER PWB PATTERN


PW
E3
E4
E2
E1
非充電部
ISOLATED
充電部
LIVE
TOP
(⏚)
LINE FILTER PWB
LCB10427 -001A
F10AH 250V
F9901
J9901
LF9904
LF9903
LF9902
LF9901
C9904
C9916
C9915
C9914
C9913
C9912
C9911
C9901
VA9901
VA9902
R9902
SG9901
K9901
K9902
FC9901
FC9902
UL MARK

SUB POWER PWB PATTERN


CN9001
FR
FC
FL
CN9601
CN9010
CN9005
(⏚)
(⊥)
TOP
非充電部
ISOLATED
充電部
LIVE
SUB POWER PWB
LCB10422 -001C
T9001
IC9001
IC9051
PC9001
Q9371
Q9372
Q9373
UL MARK
A
B
C
1
2
3
4
5
6
7

VOLTAGE CHARTS

< RECEIVER PWB >

[P.2-9 - P.2-10]

PIN NO.	VOLTAGE(V)
IC3101	
1	4.1
2	4.1
3	4.1
4	4.1
5	4.4
6	4.5
7	0.1
8	4.1
9	4.0
10	4.1
11	4.0
12	3.4
13	4.0
14	1.3
15	1.3
16	0
17	0
18	3.3
19	9.0
20	0
21	4.0
22	4.1
23	4.2
24	3.9
25	4.1
26	4.1
27	4.1
28	2.2
29	4.1
30	4.1
31	2.0
32	4.0
33	4.1
34	4.1
35	4.1
36	4.1
37	4.1
38	4.1
39	4.0
40	4.0
41	1.2
42	4.1
43	4.0
44	4.1
45	4.1
46	4.1
47	4.1
48	4.1
IC3102	
1	4.5
2	4.6
3	4.5
4	0
5	4.5
6	4.5
7	4.6
8	9.0
IC3104	
1	4.5
2	4.6
3	4.5
4	4.5
5	0
6	0
7	0
8	4.5
9	4.5
10	4.5
11	4.5
12	9.0
13	9.0
14	9.0
IC3105	
1	4.5
2	4.5
3	4.5
4	0
5	4.5
6	4.5
7	4.5
8	9.0
Q3001	
E	3.8
C	0
B	3.2
Q3002	
E	3.2
C	9.0
B	3.8
Q3109	
E	0
C	9.0
B	0
Q3110	
E	0
C	0
B	3.3
TU3001	
1	0
2	0
3	4.8
4	0
5	0
6	0
7	1.8
8	2.0
9	0
10	4.2
11	4.8
12	3.2
13	2.7
14	0
15	31.0
16	0
17	2.0

< ANALOG SIGNAL PWB >

[P.2-11 - P.2-12]

PIN NO.	VOLTAGE(V)
IC501	
1	4.0
2	4.5
3	3.9
4	0
5	4.5
6	0
7	4.9
8	4.3
9	4.5
10	4.2
11	4.5
12	4.5
13	0.2
14	0
15	4.0
16	4.5
17	4.0
18	4.5
19	4.5
20	0
21	5.0
22	4.0
23	4.5
24	4.0
25	4.5
26	4.5
27	0.1
28	5.0
29	4.5
30	4.0
31	4.5
32	9.1
33	4.4
34	4.4
35	0
36	4.5
37	4.5
38	4.5
39	3.7
40	4.5
41	4.2
42	9.1
43	4.5
44	4.1
45	4.5
46	3.7
47	3.5
48	0
49	0
50	4.4
51	4.5
52	4.6
53	4.3
54	4.4
55	3.6
56	3.9
57	0
58	1.3
59	4.5
60	4.3
61	4.5
62	4.5
63	4.3
64	4.5

[P.2-13 - P.2-14]

PIN NO.	VOLTAGE(V)
IC711	
1	0
2	2.5
3	4.6
4	0.4
5	2.2
6	4.5
7	0.4
8	0
9	2.5
10	0
11	5.0
12	4.9
13	0
14	4.4
15	4.4
16	4.9
IC801	
1	2.2
2	1.9
3	1.2
4	0
5	2.1
6	0
7	0
8	0
9	0.3
10	0.8
11	2.3
12	4.8
13	4.4
14	4.5
15	0
16	0
17	0
18	0
19	0
20	2.4
21	1.5
22	1.7
23	1.7
24	0
25	2.1
26	2.1
27	2.1
28	0
29	0
30	0
31	0
32	4.8
33	2.1
34	2.3
35	2.3
36	0
37	4.9
38	3.8
39	1.6
40	3.1
41	2.1
42	4.4
43	1.6
44	2.1
45	0
46	2.6
47	3.6
48	1.7
IC802	
1	1.3
2	3.0
3	4.8
4	2.4
5	0
6	1.8
7	2.2
8	0
9	0
10	0
11	4.7
12	0
13	4.8
14	0
15	4.4
16	4.6
17	0
18	0
19	2.4
20	4.8
21	0
22	2.4
23	2.4
24	3.3
25	3.1
26	0
27	3.5
28	1.6
Q402	
S	2.9
D	3.0
G	4.4
Q403	
S	3.0
D	2.9
G	4.4
Q404	
S	2.9
D	3.2
G	4.8
Q405	
S	2.9
D	3.2
G	4.8
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.5
C	0
B	2.0
Q810	
E	1.8
C	0
B	1.2
Q851	
E	1.6
C	0
B	1.0
Q853	
E	2.0
C	9.0
B	2.7
Q854	
E	2.5
C	9.0
B	3.1
Q855	
E	1.8
C	0
B	1.1
Q858	
E	2.9
C	9.0
B	3.5
Q859	
E	3.5
C	0
B	2.9
Q862	
E	0.9
C	3.8
B	1.4
Q863	
E	3.2
C	4.8
B	3.8

[P.2-15 - P.2-16]

PIN NO.	VOLTAGE(V)
IC201	
1	0.3
2	0.2
3	0
4	0
5	0
6	0
7	6.2
8	0
9	4.9
10	0
11	8.8
12	1.3
13	0
14	0
15	0
16	0
17	0
18	0
19	0.5
20	0
21	4.5
22	4.4
23	0
24	2.0
25	1.3
26	2.1
27	0
28	0.3
29	0.1
30	4.8
IC202	
1	0.5
2	0.5
3	0
4	0.2
5	3.1
IC301	
1	4.8
2	4.5
3	4.4
4	0
5	4.6
6	0
7	4.7
8	4.7
9	4.7
10	0.5
11	4.5
12	4.5
13	0
14	4.7
15	0
16	4.7
17	4.7
18	4.7
19	0.4
20	4.5
21	4.5
22	0
23	4.5
24	4.4
25	0
26	0
27	4.3
28	0
29	00
30	4.3
31	9.1
32	4.5
33	0
34	0
35	4.5
36	4.5
37	0
38	4.5
39	4.5
40	4.5
41	4.5
42	0
43	4.6
44	4.5
45	0
46	4.5
47	9.0
48	4.7
49	0
50	0
51	0
52	4.6
53	0.5
54	0
55	4.5
56	0
57	4.7
58	0
59	4.6
60	0
61	4.7
62	0.4
63	4.5
64	4.5
65	0
66	4.6
67	4.6
68	4.6
69	0
70	4.5
71	4.5
72	0
73	4.8
74	4.7
75	4.7
76	4.6
77	0
78	4.5
79	4.5
80	0
Q307	
E	2.9
C	0
B	2.3
QB613	
E	0
C	4.9
B	-0.1
QB614	
E	4.5
C	-1.1
B	4.9

[P.2-19 - P.2-20]

PIN NO.	VOLTAGE(V)
IC902	
1	4.9
2	0
3	3.3
Q901	
E	9.8
C	9.1
B	9.0
Q902	
E	5.6
C	4.9
B	4.8

< AV JACK PWB >

[P.2-21 - P.2-22]

PIN NO.	VOLTAGE(V)
Q2203	
E	0
C	0
B	2.2
Q2204	
E	0
C	0
B	2.3
Q2205	
E	2.4
C	2.3
B	1.9

< DIGITAL SIGNAL PWB >

[P.2-23 - P.2-24]

PIN NO.	VOLTAGE(V)
IC1502	
1	4.3
2	0
3	3.7
4	0
5	0
6	9.1
7	3.6
8	0

[P.2-25 - P.2-26]

PIN NO.	VOLTAGE(V)
IC0401	
1	3.1
2	0.2
3	0
4	3.1
5	3.3
Q0101	
E	3.8
C	7.8
B	4.4
Q0102	
E	8.5
C	4.6
B	7.8
Q0104	
E	5.3
C	0
B	4.6
Q0107	
E	1.5
C	0
B	0.8
Q0108	
E	0.9
C	9.1
B	1.3
Q0109	
1	1.5
2	0.1
3	1.5
4	1.5
5	0.1
6	1.4
Q0110	
1	0
2	0.6
3	0.6
4	0.2
5	0.6
6	0.1
Q0201	
E	3.8
C	7.8
B	4.5
Q0202	
E	8.6
C	4.9
B	7.8
Q0203	
E	0
C	1.7
B	0
Q0204	
E	5.7
C	0
B	5.0
Q0207	
E	2.5
C	0
B	1.8
Q0208	
E	1.8
C	9.1
B	2.4
Q0209	
1	2.4
2	0.1
3	2.4
4	2.5
5	0.2
6	2.4
Q0210	
1	0
2	0.6
3	0.6
4	0.2
5	0.6
6	0.1
Q0301	
E	0
C	7.8
B	4.4
Q0302	
E	8.5
C	4.9
B	7.8
Q0303	
E	0
C	1.8
B	0
Q0304	
E	5.7
C	0
B	5.0
Q0307	
E	2.5
C	0
B	1.8
Q0308	
E	1.8
C	9.1
B	2.4
Q0309	
1	2.4
2	0.2
3	2.4
4	2.5
5	0.2
6	2.5
Q0310	
1	0
2	0.6
3	0.6
4	0.2
5	0.6
6	0.1

[P.2-27 - P.2-28]

PIN NO.	VOLTAGE(V)
IC1001	
1	2.5
2	1.2
3	1.2
4	0
5	3.3
6	1.7
7	1.6
8	0
9	0
10	1.5
11	0
12	0
13	0
14	0
15	0
16	0
17	1.5
18	0
19	0
20	0
21	1.5
22	0
23	0
24	3.3
25	0
26	0
27	0
28	0
29	0
30	3.3
31	3.2
32	3.2
33	0
34	0
35	0
36	1.5
37	0
38	0
39	0
40	0
41	0
42	3.3
43	0.5
44	0.9
45	0
46	0.6
47	1.8
48	1.4
49	1.3
50	0
51	1.4
52	0
53	2.4
54	1.2
55	1.3
56	0
57	0
58	1.5
59	1.5
60	0
61	0
62	0
63	1.2
64	3.3
65	1.1
66	1.1
67	0
68	1.1
69	1.0
70	1.5
71	1.0
72	1.0
73	0
74	2.2
75	0.2
76	0
77	1.6
78	1.6
79	0
80	1.1
81	0.9
82	1.7
83	1.2
84	0
85	1.1
86	2.3
87	0.7
88	0.8
89	1.7
90	1.2
91	2.4
92	1.2
93	0
94	1.2
95	0.7
96	2.4
97	1.9
98	0
99	1.1
100	1.4
Q1001	
E	0
C	3.3
B	0
Q1003	
E	1.3
C	2.4
B	2.0
Q1004	
E	4.2
C	0
B	3.6
Q1101	
E	3.0
C	9.1
B	3.6
Q1103	
E	1.7
C	0
B	1.1
Q1201	
E	3.8
C	9.1
B	4.5
Q1203	
E	2.1
C	0
B	1.4
Q1301	
E	3.9
C	9.1
B	4.5
Q1303	
E	2.6
C	0
B	2.0
Q1401	
E	3.9
C	9.1
B	4.6
Q1403	
E	2.6
C	0
B	1.9

[P.2-31 - P.2-32]

PIN NO.	VOLTAGE(V)
IC3005	
1	0.9
2	0.9
3	0
4	0
5	3.3
IC3006	
1	3.3
2	0.2
3	0
4	0
5	0.1
6	0.2
7	3.3
8	3.3
IC3403	
1	0
2	3.2
3	0
4	3.3
IC3501	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.3
24	0.3
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.4
36	0.6
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.6
48	0.6
49	0.7
50	0.7
51	0.7
52	0
53	1.8
54	1.3
55	1.2
56	0.4
57	0.4
58	1.2
59	2.4
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.3
66	0
67	2.5
68	1.3
69	1.2
70	0
71	1.2
72	1.2
73	2.4
74	1.2
75	1.2
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.4
96	2.4
97	1.2
98	1.2
99	0
100	1.2
IC3502	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.5
9	1.2
10	1.2
11	0
12	1.2
13	0
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.2
25	1.7
26	1.5
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.4
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.8
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	1.3
55	1.1
56	0.4
57	0.3
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.5
66	0
67	2.4
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.4
74	1.2
75	0
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	0
96	2.4
97	1.2
98	1.2
99	0
100	1.2
IC3503	
1	0
2	2.5
3	1.2
4	1.2
5	2.4
6	2.3
7	2.4
8	1.2
Q3001	
E	2.2
C	3.3
B	2.8
Q3002	
E	2.9
C	0
B	2.2
Q3003	
E	0.7
C	3.3
B	1.3
Q3004	
E	1.2
C	0
B	0.7

[P.2-33 - P.2-34]

PIN NO.	VOLTAGE(V)
IC4003	
1	0
2	0
3	0
4	0
5	0
6	0
7	3.2
8	3.3
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0.3
22	0.5
23	0.4
24	0
25	0.5
26	0.5
27	0.5
28	0.5
29	0.4
30	3.3
31	0
32	3.3
IC4004	
1	0
2	0
3	0
4	0
5	3.2
6	3.3
7	0
8	3.3
IC4005	
1	2.4
2	1.6
3	0
4	1.1
5	3.3

[P.2-35 - P.2-36]

PIN NO.	VOLTAGE(V)
IC6502	
1	3.3
2	1.2
3	0.7
4	0.6
5	0
6	0.7
7	0.6
8	0
9	3.3
10	1.2
11	0.6
12	0.5
13	0
14	1.1
15	0.8
16	0.6
17	0
18	1.2
19	0.7
20	0.7
21	0
22	0.7
23	0.6
24	0.5
25	1.7
26	3.3
27	0
28	0
29	0
30	3.3
31	0.7
32	3.3
33	0
34	3.2
35	0
36	0
37	0
38	1.3
39	1.3
40	0
41	0
42	0
43	0
44	3.3
45	0
46	1.3
47	1.1
48	0
49	0
50	0
51	0.7
52	0.7
53	0
54	0.6
55	0.5
56	0
CN0LV2	
1	0
2	0
3	1.3
4	1.1
5	0
6	0
7	1.3
8	1.1
9	0
10	0
11	1.3
12	1.2
13	0
14	0
15	1.2
16	1.3
17	0
18	0
19	1.2
20	1.2
21	0
22	3.2
23	0
24	0
25	0
26	0
27	3.0
28	0
29	3.0
30	0
31	0

[P.2-39 - P.2-40]

PIN NO.	VOLTAGE(V)
IC7601	
1	0.2
2	1.4
3	0
4	0
5	0
6	1.7
7	3.6
8	0
9	0
10	0
11	0
12	3.3
13	1.8
14	0
15	1.3
16	3.1
17	1.2
18	1.6
19	0
20	3.3
21	0
22	0
23	0
24	3.3
25	0
26	0
27	0.7
28	0.9
29	0.9
30	3.3
31	0
32	0
33	0
34	0
35	3.3
36	3.2
37	0.6
38	3.2
39	0
40	0
41	3.3
42	0
43	0
44	0
45	0
46	0
47	0
48	3.3
49	3.3
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0
62	2.8
63	0
64	3.3
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	3.3
85	0.5
86	3.0
87	3.2
88	3.2
89	0
90	0
91	0
92	0
93	3.3
94	3.3
95	0.2
96	1.4
97	1.9
98	0.1
99	4.9
100	1.8
IC7602	
1	0
2	0
3	0
4	0
5	3.2
6	3.2
7	0
8	3.3
IC7603	
1	0
2	0
3	0
4	3.3
5	3.3
IC7607	
1	1.7
2	1.7
3	4.9
4	2.6
5	0
6	4.9
IC7608	
1	1.7
2	1.7
3	5.0
4	3.4
5	0
6	4.9

[P.2-41 - P.2-42]

PIN NO.	VOLTAGE(V)
IC7001	
1	3.3
2	0
3	0
4	3.2
5	0
6	0
7	3.3
8	0
9	3.2
10	3.3
11	3.3
12	3.3
13	3.3
14	0
15	3.3
16	3.3
17	3.3
18	0
19	0
20	3.3
21	3.3
22	3.3
23	1.6
24	1.5
25	0
26	0
27	0
28	0
29	0
30	3.3
31	0.4
32	0
33	0
34	0
35	0
36	3.3
37	0
38	3.3
39	0
40	0
41	0
42	3.3
43	0
44	0
45	2.3
46	0.6
47	0
48	3.3
49	3.3
50	1.8
51	3.1
52	3.3
53	0.6
54	3.2
55	3.3
56	3.3
57	3.2
58	3.2
59	0
60	3.1
61	0
62	2.2
63	0.5
64	0
65	0
66	3.3
67	0
68	3.3
69	3.3
70	3.3
71	0
72	0
73	3.2
74	0
75	3.3
76	3.1
77	3.6
78	0
79	3.3
80	0.1
81	0
82	3.3
83	3.3
84	3.2
85	3.2
86	3.0
87	2.9
88	0
89	3.3
90	2.9
91	0
92	0
93	0
94	0
95	3.0
96	3.3
97	0
98	0
99	3.3
100	2.4
IC7002	
1	0
2	0
3	0
4	0
5	3.2
6	3.3
7	0
8	3.3
IC7401	
1	3.3
2	3.3
3	0
4	0
Q7206	
E	0
C	1.7
B	1.4
Q7207	
E	3.3
C	3.2
B	0

[P.2-43 - P.2-44]

PIN NO.	VOLTAGE(V)
IC9001	
1	8.1
2	17.9
3	3.3
4	0
5	1.1
6	1.1
7	5.0
8	0
IC9101	
1	7.3
2	17.8
3	2.5
4	0
5	1.2
6	1.3
7	4.9
8	0.2
IC9201	
1	6.4
2	17.9
3	1.5
4	0
5	1.2
6	1.1
7	4.6
8	0.2

< INTERFACE PWB >
[P.2-45 - P.2-46]

PIN NO.	VOLTAGE(V)
IC801	
1	5.0
2	0
3	3.4
IC802	
1	4.9
2	0
3	3.4
IC805	
1	0
2	0
3	0
4	0
5	4.9
6	4.9
7	0
8	5.0
IC807	
1	1.8
2	0
3	58.0
4	3.1
5	0
6	3.3
7	5.0
8	0
9	0
10	2.4
11	2.5
12	5.0
13	0
14	0
15	5.0
16	5.0
17	5.0
18	0
19	0
20	5.0
21	5.0
22	0
23	5.0
24	4.9
25	5.0
26	4.5
27	4.7
28	4.4
29	4.5
30	5.0
31	0
32	0
33	0
34	0
35	5.0
36	5.0
37	4.8
38	0
39	5.0
40	5.0
41	5.0
42	5.0
43	5.0
44	0
45	0.3
46	0
47	5.0
48	0
49	5.0
50	5.0
51	5.0
52	5.0
53	4.8
54	0
55	3.2
56	5.0
57	0
58	0.4
59	0
60	0
61	5.0
62	0
63	5.0
64	5.0
IC809	
1	5.0
2	5.0
3	0
4	0
Q803	
E	5.0
C	5.0
B	4.4
Q805	
S	3.4
D	3.0
G	4.5

PIN NO.	VOLTAGE(V)
Q806	
S	3.4
D	2.9
G	4.4
Q807	
E	5.0
C	5.0
B	4.4
Q813	
S	3.3
D	3.1
G	5.0
Q814	
S	3.4
D	3.3
G	4.9
Q815	
E	0
C	4.8
B	0

[P.2-47 - P.2-48]

PIN NO.	VOLTAGE(V)
IC103	
1	5.6
2	0
3	5.0
Q101	
E	0
C	0
B	0.6

< AUDIO PWB >
[P.2-49 - P.2-50]

PIN NO.	VOLTAGE(V)
IC6521	
1	6.1
2	6.1
3	6.1
4	6.1
5	6.1
6	6.1
7	6.1
8	6.1
9	0.9
10	6.1
11	3.1
12	3.1
13	4.6
14	4.7
15	00
16	12.1
17	4.9
18	0
19	5.5
20	5.3
21	6.1
22	6.1
23	6.1
24	6.1
25	6.1
26	6.1
27	6.1
28	6.1
29	6.1
30	6.1
IC6551	
1	6.3
2	6.2
3	6.2
4	0
5	6.2
6	6.3
7	6.3
8	12.1
IC6552	
1	6.3
2	6.3
3	6.2
4	0
5	6.1
6	6.3
7	6.2
8	12.1
IC6621	
1	-13.6
2	0
3	0
4	-13.8
5	0
6	0
7	-13.6
8	12.9
IC6661	
1	-13.6
2	-0.3
3	-13.7
4	-13.8
5	13.5
6	9.8
7	1.4
8	-13.8
9	-0.6
10	-13.8
11	1.4
12	9.8
13	13.5
14	-13.8
15	-3.3
16	-0.2
17	-13.6
IC6671	
1	13.5
2	0
3	12.1
Q6521	
E	0
C	0
B	-1.7
Q6522	
E	0
C	0
B	-1.7
Q6523	
E	0
C	-1.7
B	0

PIN NO.	VOLTAGE(V)
Q6531	
E	0
C	2.8
B	0
Q6532	
E	0
C	0
B	0.6
Q6533	
E	0
C	0
B	0.7
Q6534	
E	0.7
C	0.7
B	0.1
Q6538	
E	0
C	0
B	0.5
Q6539	
E	0
C	0
B	0.5
Q6661	
E	13.5
C	13.5
B	0
Q6662	
E	-13.8
C	-13.7
B	-13.1
Q6663	
E	0
C	0
B	4.5
Q6672	
E	0
C	12.0
B	0
Q6673	
E	11.6
C	0.1
B	12.0

< FRONT LED PWB >
[P.2-53]

PIN NO.	VOLTAGE(V)
IC1742	
1	3.7
2	5.0
3	0
Q1741	
E	0
C	0
B	3.3
Q1742	
E	0
C	0
B	3.3
Q1743	
E	2.4
C	2.2
B	0
Q1744	
E	2.2
C	2.0
B	0
Q1745	
E	2.1
C	2.0
B	0

< TEMP. SENSOR PWB >
[P.2-54]

PIN NO.	VOLTAGE(V)
IC8101	
1	4.6
2	4.7
3	0
4	0
5	0
6	0
7	0
8	4.9

< REGULATOR PWB >
[P.2-55 - P.2-56]

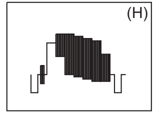
PIN NO.	VOLTAGE(V)
IC9401	
1	13.5
2	17.9
3	9.0
4	0
5	1.2
6	1.3
7	4.9
8	0
IC9621	
1	9.8
2	11.2
3	4.9
4	0
5	1.2
6	1.3
7	4.5
8	0
IC9801	
1	0
2	4.6
3	4.5
4	4.9
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	4.9
14	0
15	0
16	0
Q9211	
E	12.9
C	13.5
B	13.5
Q9212	
E	0
C	0
B	4.9
Q9822	
E	0
C	0
B	0.7

< SUB POWER PWB >
[P.2-59 - P.2-60]

PIN NO.	VOLTAGE(V)
IC9001	
1	375.4
3	0
4	17.1
5	0
6	0.2
7	0.5
IC9051	
1	2.3
2	0
3	15.0
Q9071	
E	0
C	0
B	0.6

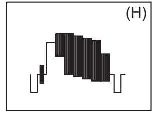
WAVEFORMS

RECEIVER PWB
(SHEET1)

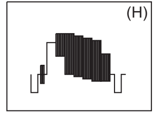
TU-3001-17


0.8 Vp-p

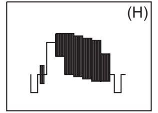
ANALOG SIGNAL PWB (1/5)
(SHEET2)

IC501-44


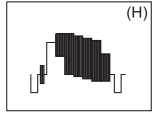
1.7 Vp-p

IC501-49


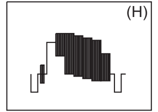
1.7 Vp-p

IC501-53


1.7 Vp-p

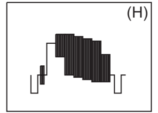
IC501-56


1.7 Vp-p

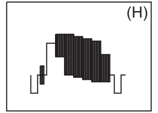
IC501-63


0.8 Vp-p

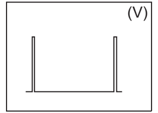
ANALOG SIGNAL PWB (2/5)
(SHEET3)

IC801-1


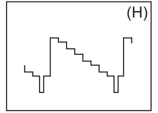
0.8 Vp-p

IC801-3


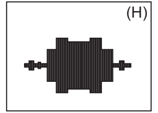
1.0 Vp-p

IC801-4


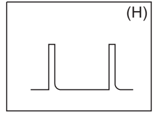
4.8 Vp-p

IC801-5


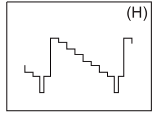
0.8 Vp-p

IC801-7


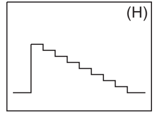
0.3 Vp-p

IC801-9


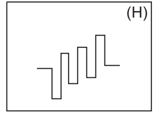
4.4 Vp-p

IC801-11


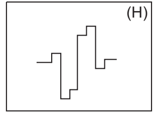
0.8 Vp-p

IC801-21


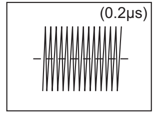
0.5 Vp-p

IC801-22


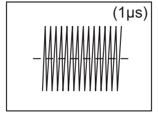
0.5 Vp-p

IC801-23


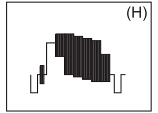
0.5 Vp-p

IC801-38


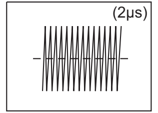
0.3 Vp-p

IC801-46


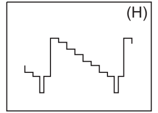
0.8 Vp-p

IC802-7


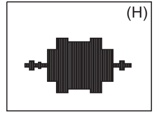
0.8 Vp-p

IC802-19


0.5 Vp-p

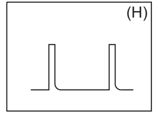
IC802-25


1.5 Vp-p

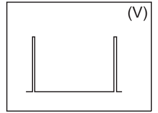
IC802-27


0.5 Vp-p

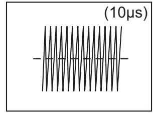
ANALOG SIGNAL
PWB (3/5) (SHEET4)

IC201-1


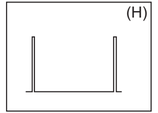
4.2 Vp-p

IC201-2


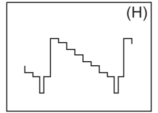
4.6 Vp-p

IC201-9


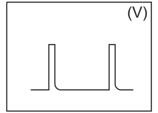
0.2 Vp-p

IC201-19


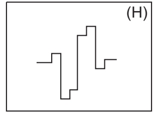
2.8 Vp-p

IC201-26


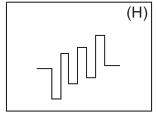
0.8 Vp-p

IC201-29


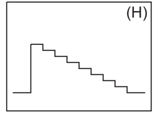
3.2 Vp-p

IC301-35


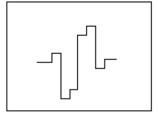
0.9 Vp-p

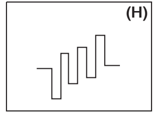
IC301-36


0.8 Vp-p

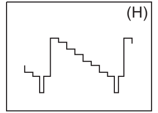
IC301-38


1.0 Vp-p

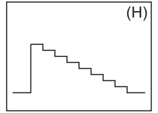
IC301-43

1.4 Vp-p

IC301-44


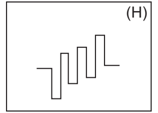
1.4 Vp-p

IC301-46


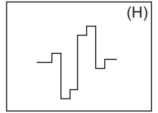
1.0 Vp-p

IC301-74


0.5 Vp-p

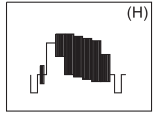
IC301-75


0.4 Vp-p

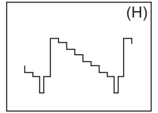
IC301-76


0.6 Vp-p

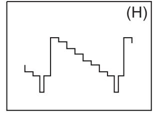
DIGITAL SIGNAL
PWB (1/11) (SHEET8)

IC1502-1


1.7 Vp-p

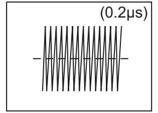
IC1502-5


1.6 Vp-p

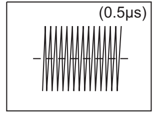
IC1502-7


1.6 Vp-p

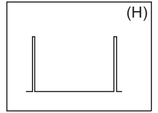
DIGITAL SIGNAL
PWB (3/11) (SHEET10)

IC1001-7


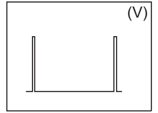
4.6 Vp-p

IC1001-58


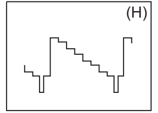
4.8 Vp-p

IC1001-75


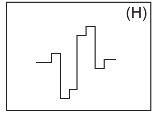
3.2 Vp-p

IC1001-76


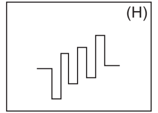
3.2 Vp-p

IC1001-85


0.6 Vp-p

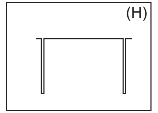
IC1001-92


0.7 Vp-p

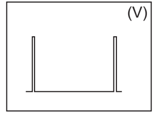
IC1001-94


0.7 Vp-p

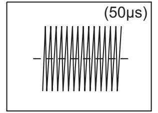
DIGITAL SIGNAL
PWB (7/11) (SHEET14)

IC6502-27


3.3 Vp-p

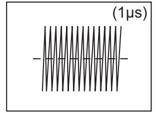
IC6502-28


3.2 Vp-p

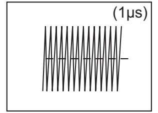
IC6502-31


4.6 Vp-p

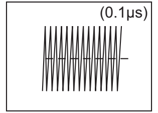
DIGITAL SIGNAL
PWB (9/11) (SHEET16)

IC7601-13


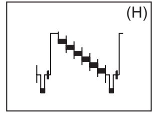
3.4 Vp-p

IC7601-15


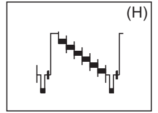
2.6 Vp-p

IC7601-17


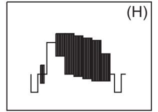
3.8 Vp-p

IC7601-97


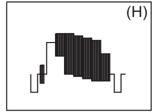
1.3 Vp-p

IC7601-100


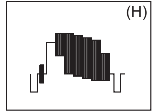
1.3 Vp-p

IC7607-2


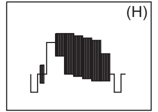
1.5 Vp-p

IC7607-4


0.6 Vp-p

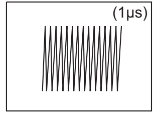
IC7608-2


1.6 Vp-p

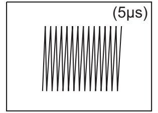
IC7608-4


0.6 Vp-p

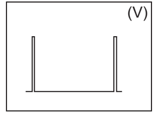
DIGITAL SIGNAL
PWB (10/11) (SHEET17)

IC7001-23


2.6 Vp-p

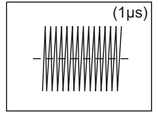
IC7001-24


3.9 Vp-p

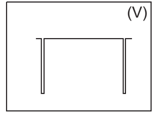
IC7001-78


3.4 Vp-p

INTERFACE PWB (1/2)
(SHEET19)

IC807-10


3.0 Vp-p

IC807-53


5.0 Vp-p

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